

Blood Donors Urgently Needed as Credit Drops to Minus-90 Pints

Convair San Diego's voluntary blood donor program winds up its fifth year of operation next month when the bloodmobile visits the plant to help erase a current "in the red" status.

The bloodmobile will operate between 5 and 9 p.m. Aug. 2 in

Bldg. 14, Plant 1, to accept volunteer donations from second shift personnel in all departments.

Convair's credit at the blood bank will be minus 90 pints by late this month. Some 400 signers are necessary to restore this amount and return the pro-

gram to the "black" until the next visit in September.

The voluntary blood program was set up in September, 1951. Since that time employees have contributed some 7,200 pints of blood which have saved employees an estimated \$180,000 (or \$25 per pint).

All blood donated during these bloodmobile visits is credited to Convair's account. Employees or members of their immediate families may draw on the supply at any time without charge for the blood itself. Information concerning the blood program is available at

employee services office at Plant 1, ext. 1245.

Average use of this blood by employees has been about 120 pints per month since the program was established.

Bloodmobile visits are arranged as necessary to maintain an adequate reserve.



Convairiety

Vol. 9, No. 15

Wednesday, July 25, 1956

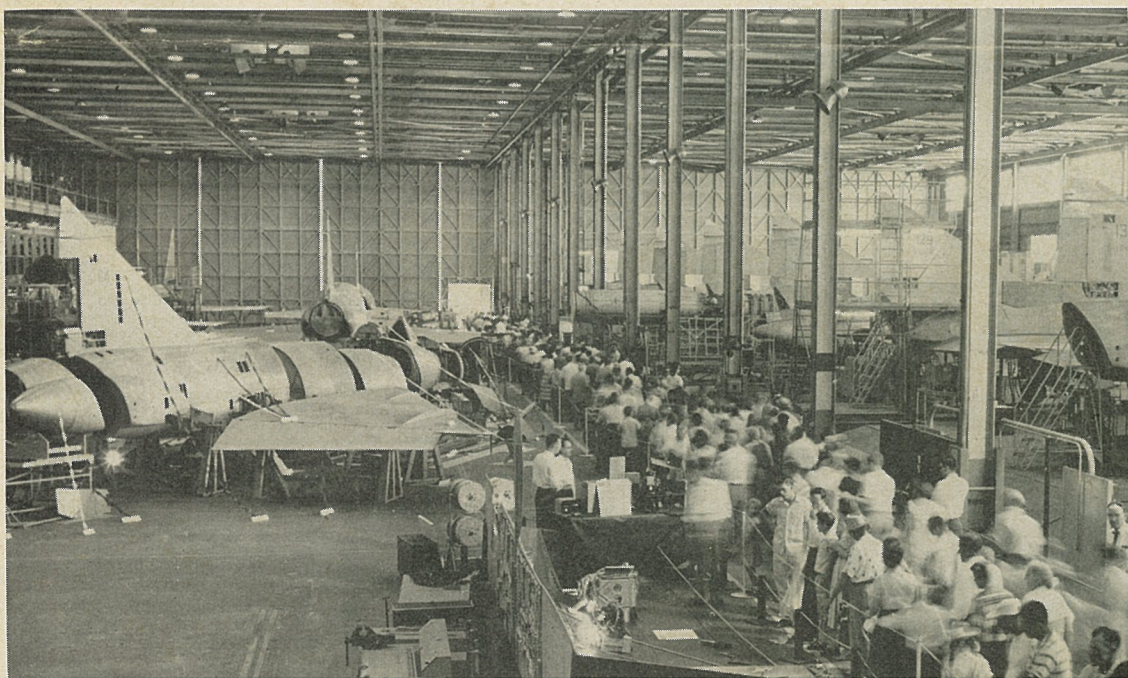
Published every other Wednesday by Convair, a Division of General Dynamics Corporation, for the benefit of Convair people everywhere.

San Diego
EDITION

San Diego news office:
Building 32, ext. 1071

SAN DIEGO, POMONA AND ANTELOPE VALLEY, CALIFORNIA

DAINGERFIELD AND FORT WORTH, TEXAS



FULL HOUSE—More than 49,000 persons visited Convair San Diego last weekend at Open House. Above is scene on F-102A line at Plant 2 where streams of visitors inspected interceptors all day long. A big crowd pleaser was F-102A takeoff from Lindbergh Field.

Wind Tunnel Tests For Jet Transport Started

Plans are shaping up at Convair San Diego this month for manufacture of the new-design jet transport for which Convair now holds firm orders for 40.

Hughes Tool Co. has ordered 30 of the new transports for its subsidiary, Trans World Airlines (TWA), while Delta Air Lines, Inc. has ordered 10 (Convairiety, June 27, 1956).

Current delivery schedules call for the first airplanes to be turned over to the customer during 1959.

Convair, TWA and Delta officials have been conducting a round of negotiation sessions toward finalizing certain design features of the airplane. Meanwhile, parts of the mock-up are nearing completion in a special area in Bldg. 1, Plant 1. Mock-up construction is being handled by tooling department at Plant 1. Engineering work on the trans-

port is moving along at a regular pace with wind tunnel tests now under way.

In the factory, some fabrication work may start about mid-1957 with the major fabrication effort currently slated to take place in the fall.

Bldgs. 2 and 3 at Plant 1 probably will be utilized as major and final assembly areas for the new transport. Current planning calls for no prototype of the new transport. Instead, the first three production models will be subjected to rigid testing prior to the time the assembly line moves into steady production.

Kline Is Supt. Of Fabrication

J. M. Kline, veteran Convair man, this month was named superintendent of fabrication for the Convair Astronautics program by Factory Manager J. P. Hopman.

Kline is a native of Pennsylvania who worked as a mechanic and later as a pilot around Buffalo before joining what was then Consolidated Aircraft. His first job in 1930 was as an assembler and he moved up to leadman, a position he held when he transferred to San Diego in 1935.

He was a foreman and later general foreman in yard and flight and moved into factory supervision in 1942 as an assistant superintendent. He moved up to works manager at Plant 1 in 1944 and transferred to the Allentown division in 1945 and then back to San Diego the same year.

Since that time he has held a number of supervisory jobs in a variety of departments. His latest post was field operations general foreman.



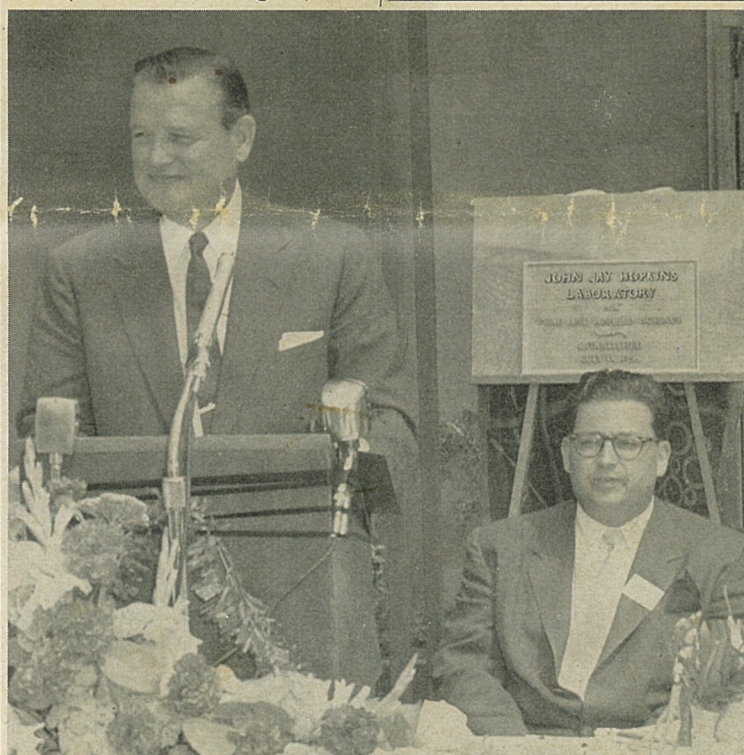
Jack Kline

Hopkins Present At Dedication of New Laboratory

The nuclear research laboratory of General Atomic Division of General Dynamics Corporation two weeks ago today was named the John Jay Hopkins Laboratory for Pure and Applied Science.

Naming was during dedication ceremonies at the division's temporary quarters in San Diego.

John Jay Hopkins, chairman of the board and president of General Dynamics, was the principal guest at the luncheon reception which preceded the dedication ceremony and the unveiling of a bronze name plaque, which later will be moved to the laboratory's permanent buildings. Construction of the permanent laboratory facility on the Torrey Pines site in northern San Diego will start (Continued on Page 2)



DEDICATION—John Jay Hopkins, chairman and president of General Dynamics Corporation, was key speaker at San Diego recently, prior to dedication of new Laboratory for Pure and Applied Science which will bear his name. Seated is Dr. Frederic de Hoffmann, general manager of General Atomic Division.

Cash Awards In Suggestion Plan Boosted

Cash awards for Employee Suggestions are more than doubled under a revised program now in effect for all Convair divisions.

The new scale was effective at San Diego July 16 and ESS received on that date and afterwards are being processed under the more generous standards.

Main points of the upgrading, as outlined by E. E. Hartzler, SD cost reduction supervisor, are:

(1) Awards will be paid equal to 10 per cent of the dollar net savings figured over a year's time.

(2) Extra awards will be granted if the idea is adopted by other Convair divisions.

(3) New minimum award is \$10. Maximum is \$10,000.

Suggestions which during the first year save less than \$100, but more than \$50, will merit the minimum award of \$10, Hartzler explained. Those which produce net savings of \$100 or more the first year will be figured on the 10 per cent basis.

Another new feature involves awards for "intangible results," such as safety improvements. These merit \$10 or more, depending upon degree of importance.

If an idea is adopted by another division, the originator will receive five per cent of the first year's net savings at that division, as well as the 10 per cent already earned at his home division.

In the past, suggestion awards have been figured on a sliding scale with originality, ingenuity and completeness of presentation taken into consideration. The average award was less than (Continued on Page 2)

Col. Bostwick Appointed New AF Plant Rep.

An Air Force officer, who has been associated with the F-102 program for over five years, this month became Air Force plant representative at Convair San Diego. He is Col. George E. Bostwick.

Colonel Bostwick replaces Col. J. F. McCarthy Jr. who has reported for duty at the Air War College.

In 1951 Colonel Bostwick was named F-102 project officer for the Air Materiel Command, a post he held until 1954 when he became chief of AMC's fighter branch. He continued at this post until 1955 when he reported to the Air War College, graduating in June of this year.

A native of Chippewa Falls, Wis., he attended Ripon College (Wis.) and entered the U. S. Army in 1941, transferring to the Army Air Corps in 1943. Assigned to fighters, he flew two combat tours in Europe (over (Continued on Page 2)

Hurt in Glider, Ivans In German Hospital

Convair San Diego's W. S. Ivans Jr. was recuperating in a U. S. military hospital in Wiesbaden, Germany, this week following a glider accident in France early this month.

Ivans, chief electronics engineer at SD, was taking part in the world soaring championship at St. Yan, France, as a member of a three-man United States team. His glider crashed into the mountains while taking part in a 300-kilometer speed event.

Ivans was reported to have suffered a cracked vertebra and slight head injuries. He was moved from a hospital at St. Yan to Crest, France, and then by air to the U. S. Air Force Hospital at Wiesbaden.

Sept. 15, 16 Selected Circus-Picnic Dates

Saturday and Sunday, Sept. 15 and 16, have been chosen as dates for the annual CRA Circus-Picnic at Convair San Diego.

As usual, the gathering will be at Del Mar Fairgrounds, President Jim Hayman announced. This will be the eighth annual picnic under CRA sponsorship.

Two Days Left to Buy 'California' Tickets

Convair San Diego employees have but two more days to buy a special block of 350 tickets to the "California Story" at discount prices.

The initial allotment of tickets was sold for the special "Convair Nights" Aug. 3 and 4. The additional 350 duets will be sold at employee services at both plants until 3:30 Friday (July 27).

Delta Wing Shape Marks B-58 Bomber

Official confirmation that Convair's forthcoming B-58 supersonic bomber has a delta wing configuration was available this week for the first time.

The bomber is being manufactured at Convair Fort Worth.

Convair pioneered the delta wing shape with the XF-92A nearly a decade ago and currently is in regular production of the supersonic delta wing F-102A at San Diego Division.



FINAL TOUCHES—F-102A interceptors are shown here receiving final touches before they are flown away to duty with Air Force. Scene is of field operations work at Palmdale. Hangars are being used temporarily, until permanent quarters are complete.

Accident Injuries
Fatal for SD Man

Funeral arrangements were pending late last week for Eugene M. Tull who died July 19 of injuries received July 17.

Tull, 23, a Dept. 25 employee, was fatally injured in an accident involving a heavy fork lift truck at Convair San Diego's Plant 2.

A resident of the downtown YMCA, Tull had been with Convair SD since December, 1954. His parents are Mr. and Mrs. S. L. Tull of Ontario, Calif.

Cash Awards Increased
In Suggestion Program

(Continued from Page 1)

five per cent of the first year's savings.

The largest ever presented at Convair SD (during World War II) was for \$2,200.

Under the old plan, an employee did not receive additional cash awards if his idea was adopted by other divisions.

Eligibility remains about the

same with two noteworthy exceptions. Only hourly employees will be paid cash awards. (In the past certain categories of salaried employees were eligible). Also, those suggestions saving less than \$50 per year will not receive cash awards unless they produce intangible savings such as eliminating safety hazards, etc.

Hourly employees of the industrial engineering department or any department directly responsible for cost reduction as part of their assigned duties will not be eligible for cash payments.

Rules governing payment will be about the same. Awards of less than \$100 will be made in a single installment.

Awards of between \$100 and \$200 will be paid by a \$100 first installment and the balance after a six month audit. When the amount of the award is \$200 or more, half will be paid at once and the remainder in six months, if the suggestion still is in effect.

Hartzler indicated the San Diego cost reduction section plans to retain all potential ESs which may not fit into present operations for possible adoption later. These will be catalogued and reviewed periodically for possible use.

"We hope this new program will add an extra incentive to employees to submit more and better suggestions," Hartzler said. "Ideas save Convair money, time or materials. They earn money for the individual and also help to insure our future. They are the best forms of job security known."

Col. George Bostwick
New Plant Rep. at SD

(Continued from Page 1)

100 missions) and accounted for 15 enemy planes destroyed. After the war he attended the Air Force Institute of Technology and later Stanford, earning a master's degree from the latter.

In 1950 he reported to the Air Materiel Command and worked in maintenance, procurement and production jobs before his F-102 assignments.

First Foreign Delivery Accident
Fatal For Three Convair SD Men

The tragic crash of a Model 440 near Shannon, Ireland, airport brought sorrow to Convair San Diego last week.

Lost were: S. B. Whiteley, pilot; Harrison R. Peacock, co-pilot; and Fred E. Mahon, engineer; all of Convair SD; and Jacob Wisemer, radioman-navigator of SWISSAIR.

The Model 440 departed San Diego July 12 on a routine delivery flight to Zurich, Switzerland. It disappeared while making a final approach to the Shannon Airport at 8:14 p.m. July 16. It was found two hours later in the river estuary two miles from the airport.

More than 140 twin-engine transports have been delivered to foreign countries in the past without an accident.

Whiteley, 54, has been an active pilot since 1919 when he learned to fly near Spokane, Wash. He flew first as a civilian pilot in the northwest and then with the U.S. National Guard. In 1942 he served as a flight in-

structor for the Cal-Aero Corp. of California.

Joining Convair in March, 1944, Whiteley flew as a test pilot at three Convair divisions during the war years and then returned to commercial aviation as a pilot for Standard Airways and Pacific Southwest Airlines before rejoining Convair SD in 1951. He was promoted to flight captain in 1953 and made many delivery flights to Europe, one as late as June of this year.

Peacock, 54, was also a veteran pilot who started flying in 1917. He entered commercial aviation at Bakersfield in 1928 and later flew regular service between Los Angeles and San Francisco. He was one of the founders of Lineas Aereas Occidentales, the first daylight passenger service between Los Angeles and Mexico City.

Peacock first came to Convair during the war years and ferried PBY Catalina flying boats and B-24 bombers to all parts of the world. As a Convair flight captain, he has flown many types of airplanes, including the R3Y "Tradewind" transport.

Mahon, 36, joined Convair as a riveter in 1941 and served with the U.S. Army from 1944 until 1946.

After the war he worked as an aircraft service mechanic at Porterville, Calif., returning to Convair in 1948. He worked for a time in experimental and was appointed a flight engineer early in 1954.



MOURNED—Pilots S. B. Whiteley and Harrison R. Peacock, photographed shortly before takeoff at San Diego. Flight ended in fatal accident while approaching Irish airport.

SD Con-Trib-Club Issues
Report on Expenditures

Following is the regular quarterly report, covering affairs for April, May and June of 1956, issued by Employees Con-Trib-Club at Convair San Diego:

APRIL-MAY-JUNE, 1956	
CHARITY FUND OPERATIONS:	
Balance in Charity Fund March 31, 1956.....	\$ 4,269.16
Balance in Disaster Fund March 31, 1956.....	25,000.00
Gross Income, Second Quarter	83,649.95
Total as of July 1, 1956.....	\$112,919.11
Disbursements, Second Quarter:	
Transfer (10%) to Emergency Aid Fund	\$ 8,365.00
International Guiding Eyes, Inc.	1,100.00
Polio Equipment to County Hospital	500.00
Epilepsy Society, San Diego Chapter	1,000.00
American Cancer Society	8,500.00
Girls' Cottage Project, La Mesa	500.00
Cerebral Palsy Foundation of San Diego	2,500.00
United Success Drive (3rd Installment)	36,250.00
American Red Cross (1st Installment)	15,000.00
TV Repairs at Vaulchain Home	291.17
New TV Antennas, Vaulchain Home	961.72
Bookkeeping Expense	150.00
Total Expenditures	75,117.89
Total Cash Balance July 1, 1956	\$ 37,801.22
Less Disaster Fund Reserve	25,000.00
Balance in Charity Fund July 1, 1956	\$ 12,801.22
EMERGENCY AID FUND OPERATIONS JULY 1, 1955 to JULY 1, 1956	
Balance on Deposit July 1, 1955	\$ 11,788.52
Deposits to Account July 1955 to July 1956	26,742.08
Total	\$ 38,530.60
Expenditures—July 1955 to July 1956	21,796.29
Balance on Hand July 1, 1956	\$ 16,734.31
Total Applications Taken	205
Total Applicants Counseled	158
Breakdown of Expenditures:	
Insurance	\$ 1,076.54
Medical	3,330.60
Groceries	4,154.19
Rent	6,744.28
Hospital	3,885.32
Clothing	500.00
Travel	290.99
Furniture	309.63
Funerals	769.94
Miscellaneous	734.80
Cases Approved	192
Cases Cancelled	11
Cases Withdrawn	1
Cases Rejected	1
Cases Counseled	158
Cases Open	0
363	
Cases Aided from Previous Year	15
207 Cases Aided—\$21,796.29 Expended—Average Aid Per Case \$105.40.	
Members Contributing as of June 29, 1956:	
Hourly Employees	19,366
Flat Salary Employees	4,897
Division Executives	110
General Office Salaried	105
Cash Members	11
24,489	
*Does not include those on sick leave or vacation.	

★ Convairiety ★

Founded Sept. 1, 1948. Published in four editions (Fort Worth-Daingerfield, San Diego, Pomona, and Antelope Valley-Holloman) by Convair Industrial Relations. General Offices, San Diego, Calif., Logan Jenkins, editor.

Approximate current total circulation, 58,000. News items and letters to the editor are solicited, but no advertising can be accepted.

SD Editorial Offices, Building 32, Plant 1, ext. 1071. Staff: Bryan Weicker-sheimer, news editor; Grace Fath, Helen Pemberton.

FW Editorial Offices, Col. 71-C, Ext. 5290. Mailing address: Convairiety, Convair, Fort Worth, Texas. Telephone PERshing 8-7311. Staff: Bob Vollmer, news editor; Sally House.

Pomona Editorial Offices, Room K-222, Bldg. 2, ext. 6226, mail zone 3-3. Staff: James Combs Jr., news editor; Dorothy Keller.

Construction Class
In Aircraft to Open

A special course in aircraft construction for second shift personnel will be offered during the fall semester at San Diego Junior College and Vocational School.

Class sessions open Sept. 11 and run from 11:30 through 2:30 Monday through Friday. Students may register Aug. 15 through Sept. 11 at 14th and Russ Sts.

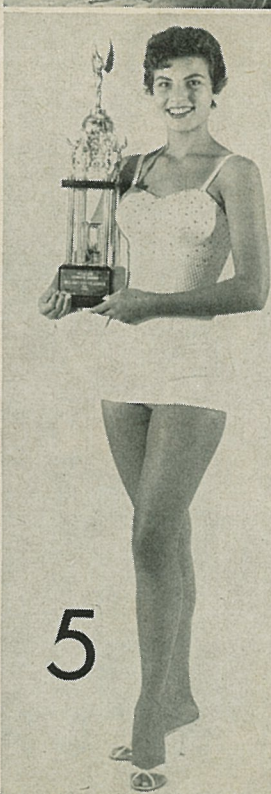
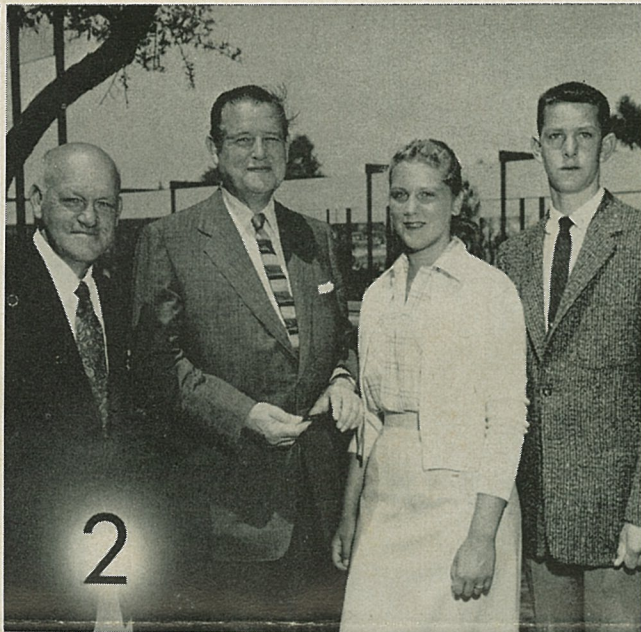
CRA Movie Calendar at SD

Free movies at CRA Clubhouse discontinued until fall.

Academy Theater, 3721 University Ave., Tuesdays, 7 p.m. Bargain rates for Convair employees, families and guests. General admission: adults, 25c; children, 12 years and under, 10c.

Tuesday, July 31: GORILLA AT LARGE, Cameron Mitchell, Anne Bancroft. Technicolor. THEM, James Whitmore, Edmund Gwenn.

Tuesday, Aug. 7: A MAN ALONE, Ray Milland, Mary Murphy. Color. ETERNAL SEA, Sterling Hayden, Alexis Smith.



(1) Hugh M. Milton, Secretary of the Army-Manpower, was greeted by civic leaders when he landed at Convair Fort Worth recently. Shown with him are Fred Korth, Marion L. Hicks, FW assistant division manager, and Dr. W. J. Danforth.

(2) John Jay Hopkins, chairman and president of General Dynamics Corporation and founder of International Golf Association, accepts gold life membership "card" in San Diego County Junior Golf Association from Carol Hartson, 13, as JGA President Bob Frazee, right, and Chairman John W. Brown stand by. Only other individual so honored is President Eisenhower.

(3) Proving there is even more beauty in the family is this photo of Linda Cowie, sister of "Miss San Diego," otherwise known as Gay Cowie. They are daughters of Dept. 355's L. L. Washburn at SD. Picture was made by Matt Beddoe of Dept. 6 SD, during a CRA Camera Club event.

(4) Two Convair SD actors are making their debut with the Coronado Players in a current production of "Suds in Your Eye" at the Coronado Playhouse on The Strand. They are Sidney Davis (Dept. 705), left, and Hans H. L. Jacobsen (Dept. 4), right. Jacobsen is stage manager as well as taking a role.

(5) This is Raquel Tejada, daughter of A. C. Tejada of SD Dept. 706, and Mrs. Jo Tejada of Dept. 22 at SD. She was runner-up in Miss Southern California beauty contest.

(6) Another Convair beauty is Donna Mae Nielsen, "Miss Antelope Valley," who joined the company recently at Palmdale, Calif., in Dept. 324-2. Her father is S. R. "Duke" Nielsen of Palmdale security.

(7) Approximately 50 Convair Management Club members stationed at Holloman AFB attended a dance at the base officers club June 30. Among guests were George O'Hare, Convair project manager at Holloman, and Mrs. O'Hare.

(8) C. Z. "Dad" Sheppard of SD Dept. 25, Convair's eldest citizen in point of years, received a novel "card" on his 88th birthday recently. It carried more than 500 signatures! He is shown with Helen Huggins and Norene Smith of engineering release group.

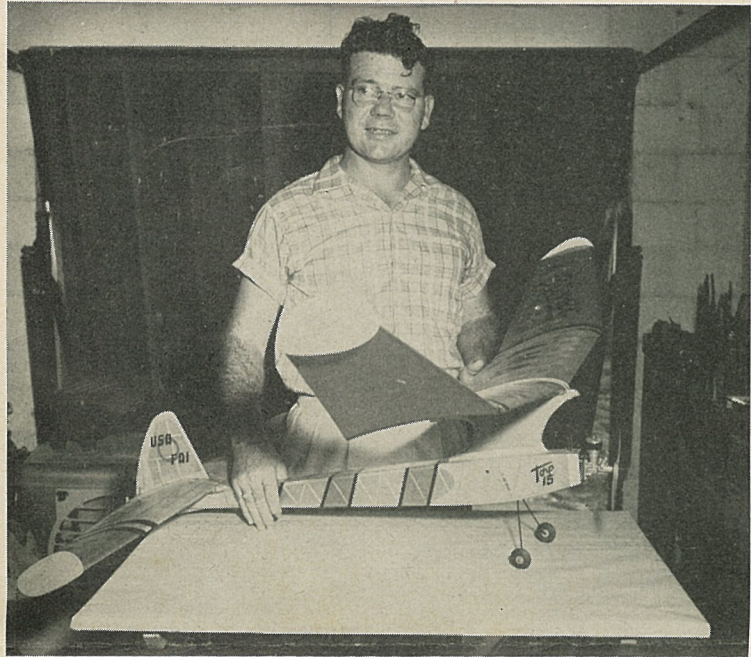
(9) These second shift instrumentation technicians broke out in colorful costumes recently at Edwards AFB to beat the heat. From left, C. E. Deckard, A. L. Helton, F. E. Rogers, J. B. Gardner.

(10) Members of Air Explorer Squadron 340, sponsored by Convair SD Management Club, got in some "sea duty" recently aboard carrier USS Philippine Sea. They spent week at sea on maneuvers.

(11) Nicholas A. Tuevsky of SD Dept. 70, Plant 2, is surrounded by friends during combination birthday and farewell party. Former Russian grand opera singer, who has been with company over 25 years, is retiring.

(12) Another birthday-farewell party honored Grace Wright of SD Dept. 6-5. Friends in projects specifications group said good-bye as she took leave of absence after 17 years with Convair.





FLYER—Frank Huffman, Dept. 6 illustrator at Convair Fort Worth, shows model that won him trip to England to fly on American team in World Model Plane Meet.

To Fly for U. S.

Modeler's Plane Battles Gale And Wins Builder Trip Abroad

Fourteen minutes, 34 seconds, a large degree of skill and a small amount of luck helped win a trip to England for Frank Huffman of Convair Fort Worth.

An engineering illustrator in preliminary design, Huffman put his drawing and design ability to good use in model plane work.

It was good enough to win him a place on the American team that will compete in the World Championship Finals in Cranfield, England in September.

Huffman won his trip in semi-finals staged in Tulsa last month. Before that he won the Fort Worth elimination meet in May.

His time in the semi-final event was 14 minutes and 34 seconds with his gas-powered plane.

"Fifteen minutes is considered perfect time," he said. "That allows for 15 seconds of engine running time and three minutes of glide. In a meet, you compete five times. The closer your score is to 15, the better your chances of winning."

Huffman didn't leave anything to chance in the Tulsa meet. He took two of his old favorite models with him.

Both planes are designed for windy weather flying. And modelers fought 30 mile an hour winds that week end!

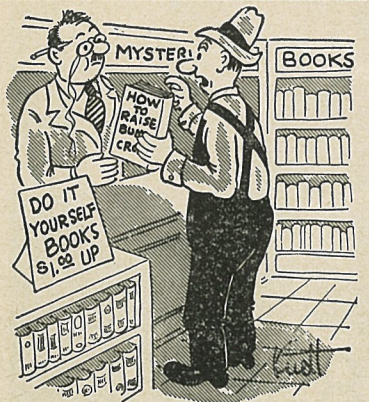
The model he won with is 36 inches long with a 54-inch wing span. He's working on a new and better plane for the world meet.

Timekeeping, Payroll Plan Picnic at SD

Timekeeping and payroll employees at Convair San Diego have picked Holiday Ranch off Highway 80 as the site of their annual picnic scheduled for Aug. 12.

The entire facility has been reserved for their affair including the swimming pool, game and recreation facilities, dressing rooms and picnic area, according to General Chairman Al Krumweide.

Both Plant 1 and Plant 2 employees are urged to get tickets for their families and friends by calling ext. 617, Plant 1.



"Now I want a book on 'How-to-Sell' all the stuff I've learned 'How-to-Raise!'"

Convair Girl's Voice On 'Hurt Me' Record Leads to a Contract

Convair Fort Worth people can be excused if the voice sounds a bit familiar when they hear the song "Hurt Me" coming over their radios these days.

The voice belongs to Margee Robinson. Margee, until a month ago, was a Dept. 7-4 stenographer at FW.

Margee made the recording at the urging of friends. The MGM record company was sufficiently impressed to release the record and to put her under contract.

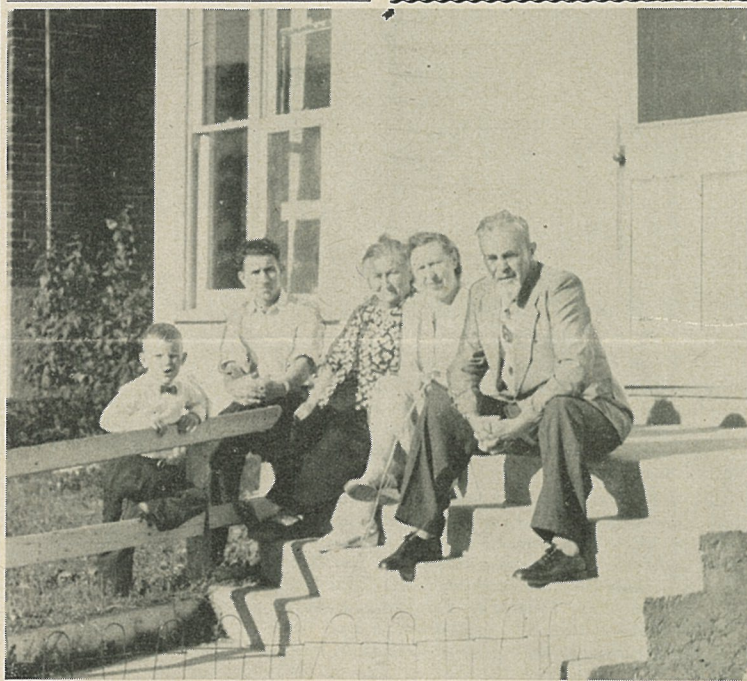
"But that's not the reason I left my job," she explained. "We're expecting a new baby soon—our fifth! And I hope to be back at work not too long after that."

Wohler Honored by SD Exchange Club

Convair San Diego's C. B. (Chet) Wohler of Dept. 8 received a special honor July 14 when he was voted a life membership in the Exchange Club of San Diego.

A member of the club since 1925 and twice president, Wohler was forced to resign two months ago due to the press of other duties.

Only two other San Diegans have been honored with life memberships. They are Bill Dellman and Dr. Frank Lowe.



LONG WAIT—Nikolaj Zibenko, one-time counselor for Convair expedition to Russia, shown in Canada with his family, reunited in New World after a decade of trying.

PBY Project Aide, Jailed in USSR, Finds Asylum in Canada - - at Last

A somewhat happier climax has been reached in the tragic narrative of a Russian who 19 years ago befriended a band of Convair engineers in the USSR and went to jail for it.

It is the tale of Nikolaj Zibenko, now 64, who survived 17 months of torture and prison, followed by years under German occupation and a decade in displaced persons camps while trying to reach the New World. Thanks in part to the encouragement and financial assistance of those same Convair engineers, Zibenko is now in Canada, reunited with his family. (Convairity, Dec. 7, 1949.)

The Convair men, all of San Diego, are: Garner Green, now SD chief structures engineer; E. A. Reynolds, now manager of long range planning for Astronautics; Etienne Dormoy, now SD senior design engineer; Basil Isham, also SD senior design engineer; Minor Wells, SD assistant project engineer.

It was in 1937 that the Convair men and their families went to Russia. The task was to help the Russians build PBYs.

"Zibenko was assigned to us as counselor," Wells recalled last week. "Since we could speak no Russian, he was invaluable, helping us greatly, not only in professional matters but in such personal problems as housing and food and transportation."

Green added: "He played an important role in holding our project together and keeping the contract in operation."

Zibenko met the Americans in Moscow and shepherded them to the factory at Taganrog near the Black Sea. As it turned out it was a dangerous assignment for those who were friendly with the Americans. First one interpreter and then another disappeared. It was only a matter of time before Zibenko, too, vanished.

The Convair engineers made official inquiries, in vain, and it was 1945 before they again heard from him, writing from a displaced persons camp in occupied Germany, confirming his arrest by secret police and telling a story of hardship and suffering. Among them the Convair men made up a purse of \$500 to assist him in reaching America. They also sent food and clothing packages from time to time. Zibenko's efforts to leave the camp were not simple, however. His health was poor and time after time he was unable to pass a physical examination necessary before he could be accepted.

Meanwhile, Zibenko's son and daughter immigrated to Canada and worked from this side of the Atlantic to help their parents. Finally, late last year, after some 10 years of trying, they reached Canada where they now live in Kingston, with their children.



READY—Bob Frye shows off old-time guns—part of his collection. The Convair FW engineer keeps guns in top-notch shape and loads his own cartridges.

Old Cap & Ball Pistols Feature Gun Collection

When Bob Frye's parents gave him a single shot .22 rifle about 20 years ago, it started the Convair Fort Worth engineer on an interesting hobby.

Through the years, Frye has added 13 more guns. Among them is a pair of 100-year-old Colt Navy cap and ball pistols. Another is a slightly different and smaller Colt cap and ball pistol, made in 1862 and known then as the officers model.

One of Frye's guns is an 1873 Springfield army rifle.

"Like many government projects of the time, it was a conversion," said Frye. "The Army found they could convert the muzzle loader to a cartridge type for less money than buying new ones, even though the Indians had repeaters!"

Guns from more recent wars include a German Luger and a Sauer—a gun designed for the German Air Force during the second World War.

Convair Daingerfield Payroll Rests at 325, Highest in History

Convair Daingerfield employees now number more than 325—the largest number in the history of Convair's tiniest division.

"We are not anticipating a reduction in our over-all figure in the foreseeable future," said J. E. Arnold, Convair Daingerfield Division manager.

The payroll at the Ordnance Aerophysics Laboratory hovered around 290 employees for about three years until a build-up started around the first of this year.

All the new work developing in recent months has been giving the research facility about all the work it can handle.

To build up the staff, Noble Moore, manager of industrial relations and security, has been

Group at Holloman Forms Organization For Cheering up Sick

Convair employees at Holloman AFB have formed a new organization to help associates. It is called "Hand of Friendship."

The organization is strictly voluntary, but those who belong pledge to contribute 50 cents monthly. Collection boxes are located at central points to receive the donations.

Money is administered by a central committee which sends flowers to ill employees and dependents, helps out in minor emergency cases when needed and plans for yearly charitable functions at Christmas.

Co-chairmen of the organization are Mrs. M. W. Scott and A. A. Carpenter. Committee members are Mrs. C. L. Smith, Mrs. J. D. Darsey Jr., C. W. Westmoreland and W. E. Cobb.

Hand of Friendship in no way duplicates the Convair Employees Con-Trib-Club, or Emergency Aid program, Mrs. Scott pointed out.

Last year employees contributed \$550 to the Alamogordo Community Chest through Con-Trib. A larger contribution to that organization is due during the annual fund-raising campaign this October.

Augie Hill Appointed To Workshop Board

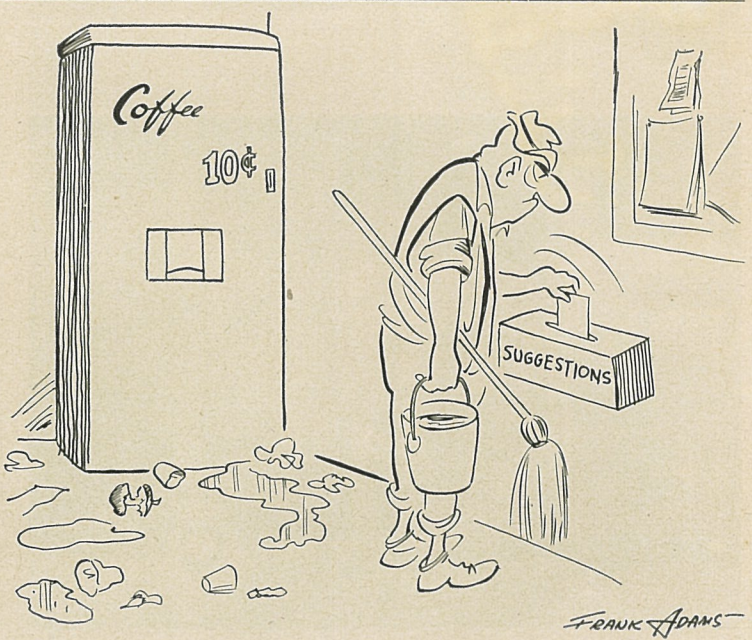
A. E. Hill, Plant 1 works manager at Convair San Diego, has been named to the executive board of the Sheltered Workshop of San Diego, Inc.

His selection came at the annual meeting in June. Frank B. Pickard of employee services at SD was renamed a member of the board at the same meeting.

Man, Wife Report to Different Divisions

Mr. and Mrs. Barney Prather of Alamogordo, N.M. both work for Convair, but for different divisions!

Barney is security representative for the Convair SD group based at Holloman AFB; while his wife, Fern, works with a Convair Fort Worth group also assigned to Holloman!



Complexities of New Programs Bring Upsurge in Training at FW

Convair Fort Worth employees now pursue improved skills and knowledge in more fields and in more different ways than perhaps at any time in the division history. Scope of their training efforts is pointed up in a summary covering the first six months of the year.

The complexities of such programs as the B-58 supersonic bomber create demands on skills and knowledge, according to R. A. Wagner, FW chief of training.

Technical training—related directly to the jobs the employees perform—drew enrollments of 6,400 in 157 classes. A total of about 60,268 manhours was spent in 1,716 sessions.

These efforts were aimed directly at work in flight control systems, radar systems, fuel tanks sealing, structures, instrumentation and the like. In engineering work, they touch upon reactor technology, reliability, design applications and electronics, for instance.

Most of the training is taken in the plant, although a substantial training program for the B-58 was carried out at

plants of companies supporting the effort.

In supplementary training, employees spend their own time—and pay a part of the cost—for further development of their knowledge and skills. Fields of interest include everything from basic blueprint reading to tool designing and nuclear physics.

In these efforts, there was a total enrollment of 1,760 in 32 classes, in 955 sessions, a total of 36,120 manhours.

Convair management development is a big field of interest for supervisors. In the six months, 287 classes were held with a total enrollment of 5,797. Manhours spent totaled 10,995. In May alone, 1,552 supervisors participated.

These sessions cover such things as B-58 familiarization, orientation for new supervisors, engineering management, cost reduction, production improvement and leadership. College study also comes in for heavy emphasis.

In the spring and summer semesters, a total enrollment of 441 was scored in studies leading to master's degrees in engineering mechanical, aeronautical, electrical, nuclear and civil. This is carried on at the plant in conjunction with Southern Methodist University.

Gardeners Entering Displays in Annual County Dahlia Show

Convair SD Garden Club members will enter displays in the annual San Diego County Dahlia Show, Aug. 4 and 5, Recital Hall, Balboa Park.

Everett Henderson, CRA club member and expert dahlia grower, will show 1000 blooms, including many new and rare varieties from all parts of the world.

Convair exhibitors may bring their entries to the hall Friday afternoon and evening. Entries close 10 a.m. Saturday. Judging will be from 10 a.m. to 2 p.m.

Tickets at reduced rate of 35c may be purchased at employee services, both plants.

Convair Again Ties Housekeeping Record

For the second time this year Convair San Diego employees have tied the all-time record in the continuing good housekeeping contest with only .004 average violations per employee during June.

During February the average figure was also .004.

Five functions led the way to the new mark with perfect slates. They included plant engineering, experimental, tool manufacturing at Plant 1, manufacturing control at Plant 1 and Plant 1 departments assigned to the R3Y major and final and F-102 components.

Average violation per employee		
	June	May
Plant Eng.	.000	.007
Experimental	.000	.008
Tool Mfg., Plt. 2	.000	.002
Mfg. Control, Plt. 1	.000	.022
R3Y & F-102 Comp.	.000	.005
Tool Mfg., Plt. 1	.001	.000
Elect., Field Ops., Plastics	.002	.001
F-102 Major & Final	.002	.010
440 Major & Final	.002	.010
Material	.003	.021
Fabrication, Plt. 2	.004	.009
F-102 Final	.007	.016
Mfg. Control, Plt. 2	.012	.000
Fabrication, Plt. 1	.018	.000

'Rosalinda' Tickets On Sale Tomorrow

Reserved tickets for the Aug. 2 performance of "Rosalinda," Star-Light Opera's next attraction, will go on sale tomorrow (July 26) at 9 a.m.

Regular \$2.50 seats will be offered Convair SD employees at \$2 each. Tickets are available at employee services, both SD plants.

Coggan Vice Chairman For Red Cross Drive

B. F. Coggan, manager at Convair San Diego, has accepted an invitation to serve as a national vice chairman for the 1957 Red Cross campaign.

Coggan was asked to serve by H. S. M. Burns of New York, national Red Cross chairman. Coggan held a similar post last year.

Magnuson Appointed FW Resident Office Manager for Coast

W. E. Magnuson on July 16 became the new Convair Fort Worth resident office manager in San Diego.

He succeeds J. A. Scott, who filled the job in an acting capacity since the extended illness of Otto A. Dworak. Dworak had filled the post since Jan. 1.

Scott returns to his job as chief of contract administration for research and development.

Magnuson was superintendent of fabrication at Convair Fort Worth from 1947. In that capacity, he directed fabrication during much of the growing pain effort of B-36 production.

Earlier he had been assigned to the experimental XB-36, and had risen to experimental factory superintendent. He came to Fort Worth in 1945.

His Convair service began at Vultee Field in 1940. He is a native of Linstrom, Minn. but attended grade school, high school and college in Los Angeles.

Hundreds Drawn to Air Parts Exhibit

Several hundred special guests, including some Convair SD employees, previewed a special "Design for Flight" exhibit at the San Diego Fine Arts Gallery July 13.

The exhibit is now on display at the Gallery daily. It shows a striking parallel between modern art and the aircraft industry. Some of the art pieces were made from scrap and aircraft parts obtained from Convair.



"I'm sorry, Alice—I'm now under new management."

The Passing Years... SAN DIEGO

The following service emblems are due during the period July 16 through July 31:

Twenty-year: Dept. 6-6, F. A. White. Dept. 522-1, C. F. McManus. Fifteen-year: Dept. 3-1, J. R. Applegate. Dept. 4, John Cicalo, George Davidson Jr. Dept. 5, R. E. Lowry. Dept. 6, E. E. Benson Jr., R. J. Loesch, P. A. Nagy, S. E. Nowry. Dept. 8-3, Michael Delva. Dept. 10, A. J. Krumweide. Dept. 14, C. E. Hendricks, Clarence White. Dept. 15-1, R. W. Shaffer Jr. Dept. 22-1, R. L. Ingraham. Dept. 24-1, C. L. Seybold. Dept. 25, S. R. Berry. Dept. 25-1, R. L. Channell, Nelson Thompson. Dept. 27-1, D. S. Arnott. Dept. 28, M. E. Thomas Jr., Coleman Wilson. Dept. 31, L. K. Lee, Obed Ray Jr., F. E. Reed. Dept. 215, Stanley Brown. Dept. 258, A. N. Williams. Dept. 401, J. I. Sather. Dept. 406, H. W. Riley, A. L. Simpson. Dept. 524, W. J. Gal-

Five Years Ago...

Following are brief excerpts from Convairiety of five years ago:

Engineering annex and employment offices slated for Guided Missile division at Convair Pomona.

Over 300 Convair SD people ride in Convair-Liners during CRA "family flights."

Convair Fort Worth employment soars to record 30,000.

New Air Force contract continues B-36 program at Convair SD.

New test stand will try out jet engines at Convair FW.

Don Germeraad, Convair SD pilot, heads training crew on Convair-Turboliner at Muroc.

First Korean War veterans return to jobs at Convair Fort Worth.

Plumber Gets \$612 Suggestion Award For Drainage Idea

Antonio Cilon, a Dept. 25 plumber at Convair SD, is \$612 richer this week because he had an idea that would save Convair time and money and put it to work in the form of an Employee Suggestion.

Cilon's Employee Suggestion award is the second largest presented at Convair SD this year. He gets \$306 now and the remainder six months later, if his idea is still in use.

His idea: to construct a settling tank to trap deposits from blueprint machines in Depts. 6 and 406 which have been clogging sewage drains.

The largest Employee Suggestion award approved this year went to C. H. Nebeker of Dept. 410. He received \$784.

Groups of Military Visitors Tour FW

Approximately 40 members of the senior observer technical specialists course, Mather AF Base, Calif., are slated to tour Convair Fort Worth Friday (July 27).

Monday, 31 graduates of the Naval Test Pilot Training Division, Naval Air Test Center, Patuxent River, Md., toured the plant. Two groups of 40 apprentices from SAAMA, Kelly AF Base, Texas, toured the plant July 17 and 19.

H. M. Holloway, Dept. 2-5, accompanied the groups.

Former AF Plant Rep. Assigned to Alaska

Col. C. Savage, former AF plant representative at Convair Fort Worth, was due to be assigned to the Alaskan Air Command this month.

In a letter to D. A. Harkins, Dept. 22-3 man, Colonel Savage wrote that his new assignment is as Director of Supply and Services at Elmendorf AF Base. Colonel Savage was graduated from Air War College at Maxwell, Ala., June 15.

pin, G. E. Williams. Dept. 603-3, J. A. Ross.

Ten-year: Dept. 1-64, K. M. Campbell. Dept. 6, D. P. Germeraad, D. E. Gipson, J. E. Northrup. Dept. 25, G. E. Mitchell, L. L. Sellers, H. A. Smith. Dept. 28, O. A. Bonnema, R. G. Goldinger, G. G. Webber.

Dept. 31, W. C. Agner. Dept. 43, M. D. McElvain. Dept. 55, N. A. Mosley. Dept. 252, E. A. Cox. Dept. 258, J. H. Beseler, S. E. J. Corder. Dept. 528-5, R. M. Cornelius. Dept. 603-1, C. O. Watson.

ASTRONAUTICS (Model 7) Fifteen-year: Dept. 706-4, R. B. Boone. Dept. 710-2, Earl Ford. Dept. 714-1, C. A. Hagman. Dept. 771-2, C. H. Splinter.

Ten-year: Dept. 724-2, N. J. Maxwell.

POMONA

Service emblems due during the period July 16 through July 31:

Fifteen-year: Dept. 6, N. D. Bell Jr., D. H. Wagner. Dept. 61, F. F. Flinn.

Ten-year: Dept. 3-7, I. E. Sprague. Five-year: Dept. 3-1, W. A. Vaness.

Dept. 4, C. H. Blake Jr., D. J. Spillane. Dept. 6, A. L. Hanson, R. D. Miller, W. F. Weber, C. A. Wheelless. Dept. 11, R. A. Sylvester.

Dept. 25, E. C. Adams Jr., W. D. Swingle, H. M. Willis. Dept. 27, J. A. Wampler, G. E. Wolff. Dept. 31, R. E. Macklin. Dept. 52, Marian L. Gedemer, Cora J. Gordon. Dept. 63, Mattie Madson. Dept. 72, E. J. Dahlstrom, E. M. Day.

Daingerfield

The following service emblems are due during the period July 1 through July 31:

Ten-year: Dept. 4, T. I. Galloway. Dept. 6, J. W. Nix. Dept. 7, L. Green. Dept. 9, J. Brummell, G. H. Thomas.

Below are latest to join 15-year ranks. Top row are all of Convair Fort Worth. In second row, Harlow is at Holloman and Cook at Edwards, while rest are stationed at San Diego.



V. JURAJDA Dept. 73 C. S. BENJAMIN Dept. 64 E. ROBESON Dept. 44 E. I. TRIMMER Dept. 61 E. G. DUFF Dept. 61



J. W. HARLOW Dept. 313-4 L. C. BECKETT Dept. 6-5 W. H. SCHAEFER Dept. 6-1 J. P. CLEM Dept. 6-6 F. L. COOK Dept. 303-2



H. A. RASMUSSEN Dept. 403 S. K. SAUNDERS Dept. 22-9 M. J. WELCH Dept. 24-1 J. E. McINNIS Dept. 25-9 W. U. GATTERMAN Dept. 102



C. W. KOSKINEN Dept. 70 L. W. HUGHES Dept. 12 E. M. FRANZEL Dept. 25-1 DAVE RODRIGUEZ Dept. 706 AMEDEO D'ERCOLE Dept. 55



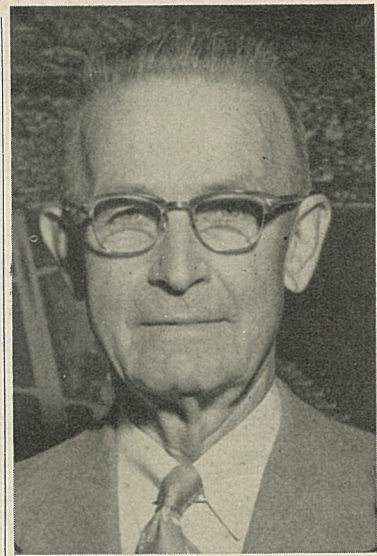
G. F. NEBELUNG Dept. 403 S. S. SMYCZYNSKI JR. Dept. 72 W. L. MELCHAR Dept. 401 J. O. BLAKE Dept. 25-6 E. T. GILBERT Dept. 60



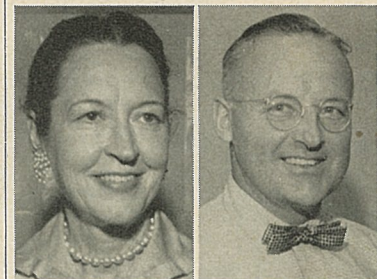
PHILIP HEISEL Dept. 46 E. A. G. GANOE Dept. 524-2 R. E. SCHMIEDER Dept. 115 J. J. ZYREK Dept. 72 L. W. STAMPER Dept. 258



R. F. MISSMAN Dept. 25-0 J. H. HATCHETT Dept. 70 J. L. MILLER Dept. 72 G. R. BAILEY Dept. 27-4



30-YEAR MAN—Above is R. A. Miller of SD Dept. 6-1 who recently joined select circle of those with 30 years of Convair service.



Two who recently received 20-year service emblems are Grayce Fath of Dept. 1-32 at San Diego, left, and T. G. Eckles of Dept. 772-1.

Log Book Entries

Awards

SAN DIEGO

Employee Suggestion awards totaled \$4,183.75 for the weeks ending June 21 and June 28:

Dept. 4-5, Material Office: C. A. Edmonson, \$107.50.
Dept. 6, Engineering: E. R. Chapman, \$202.50 (two awards); Ralph De Sola, \$10; W. H. Fenstermaker, \$115; R. N. Goodwin, \$5; E. R. Schumacher, \$43.
Dept. 9, Controller's: N. C. Earp, \$10.
Dept. 10, Cost Accounting: D. E. Allen, \$5.
Dept. 14, Traffic and Material Stores: H. C. Radenheimer, \$65; C. Russo, \$20; I. M. Rutherford, \$191.25 (final payment).
Dept. 24, Tooling: J. S. Dodds, \$34.
Dept. 25, Plant Engineering: R. A. Hunt, \$10.
Dept. 27, Quality Control: H. S. Berthelsen, \$100 (partial payment).
Dept. 28, Inspection: J. C. Woll, \$10.
Dept. 30, Model 8 Final Assembly: R. I. Barnes and S. M. Palhegyi, joint award, \$5 each; M. D. Downey, \$15; W. F. Green and L. R. Imbimbo, joint award, \$50 each (partial payment); D. C. Leach, \$22.50; D. A. Leckington, \$20; F. G. Lucero, \$67.50; R. J. Ries, \$10.
Dept. 31, Experimental: A. A. Lockwood, \$5; R. T. Whitley, \$17.50 (final payment).
Dept. 37, Final Assembly: J. H. de Kerpuelen, \$15; J. P. Dragoo, \$10; N. J. Hernandez, \$15; C. R. Pierce, \$24.50.
Dept. 52, 440 Wing: G. B. Bascue, \$10; W. R. Lucore, \$10.
Dept. 55, 440 Wing: J. C. Burns, \$20; F. H. Givens, \$12; C. S. Goodman, \$25 (two awards); E. T. Graehl, \$12; R. F. Martin, \$100 (partial payment); C. R. Raedel, \$10; P. D. Wayman, \$10; R. W. Wilson, \$5.
Dept. 56, 440 Primary: M. M. Hardesty, \$100 (partial payment), \$20 (three awards); T. M. Miller, \$5.
Dept. 60, Model 8 Wing and Tail: A. V. Campanella, \$31.25; W. M. Foster and M. M. Longino Jr., joint award, \$5 each; J. M. Kay, \$10; J. M. Kay and S. L. Sorcinelli, joint award, \$5 each; R. G. Menfee, \$28.25; I. P. Mouet, \$169.75 (two awards); R. Renfro, \$19.50.
Dept. 70, Model 8 Fuselage: A. J. Cataland, \$85 (final payment); J. H. Covey, \$65; A. Daniels, \$25.25; E. J. Dauley, \$51 (two awards); E. W. Ferngren, \$11; H. D. Gidney and C. H. Jorgensen, \$10 each (two joint awards); V. H. Gilmore, \$10; A. C. Hauswirth, \$21.25; B. E. Hill, \$20 (two awards); J. C. Hodge and R. D. Kelly, joint award, \$6 each; S. C. Larkin, \$72.50; H. R. Leatherman, \$5; C. J. Maudlin, \$15.50; B. E. Murkerson, \$12.50; W. R. Nemshack, \$49; B. J. Payne, \$10; W. H. Reed, \$5; T. L. Schultz, \$24.
Dept. 72, Model 8 Fuselage Primary: R. S. Bryan, \$45; W. H. Cousineau, \$19.50; S. B. Greco Sr., \$110; T. J. Tooker, \$38; P. Wegner, \$20.
Dept. 101, Sheet Metal: H. M. Bursch, \$10; J. R. Williams, \$10.
Dept. 102, Welding and Processing: J. W. Carrico, \$10; L. G. Kamplain, \$10.
Dept. 118, Sub-Assembly: A. V. Pimentel, \$10.
Dept. 201, Sheet Metal: H. L. Deamud, \$20; E. D. Geary, \$84.50 (two awards).
Dept. 202, Sub-Assembly: F. H. Hawksworth, \$10; J. L. McKeough, \$11; C. J. Roth, \$50 (three awards); M. W. Williamson, \$10.
Dept. 203, Welding: D. K. Christensen, \$20; R. M. Cooper, \$62.50; E. I. Thies, \$5.
Dept. 205, Metal Forming: K. K. Jones, \$5.
Dept. 215, Machine Shop: A. Addison and D. E. Grier, joint award, \$5 each; R. C. Armstrong and M. E. Howell, joint award, \$5 each; F. E. Bouton, \$102.50; H. S. Cass, \$10; J. C. Casterline, \$10; J. A. Desmore, \$14; H. J. Ehle, \$10; M. L. Ferrell, \$5; R. H.

Harter, \$11; D. E. Grier, \$10; F. J. Lindahl, \$6; J. F. Meeker Jr., \$29.50; R. J. Patterson, \$97.50; T. R. Patton, \$15; L. H. Roberts, \$56.25; A. W. Sussek, \$5.
Dept. 250, Electric Bench: W. Hungerford, \$20; L. S. Waller, \$10.
Dept. 255, Tubing & Cable: K. M. Harvey, \$5; C. W. Parrish, \$5.
Dept. 258, Proofing Mock-Up: H. A. Lasswell, \$100 (partial payment).
Dept. 300, Field Operations: L. H. Wilson, \$10.
Dept. 401, Jigs & Fixtures: R. E. Drewery, \$15.
Dept. 406, Plaster Pattern Shop: R. C. Scott, \$20.
Dept. 410, Purchasing: K. R. Lowe, \$31; K. Presley, \$54; E. M. Reilly, \$122.50 (final payment); B. J. Wilson, \$10.
Dept. 522, Manufacturing Control: C. G. Stevenson, \$10.
Dept. 524, Tooling: R. G. Hand, \$10; J. Klein Jr., \$45.50.
Dept. 528, Inspection: A. H. Buntzen, \$5; L. G. Menches Sr., \$10; F. Pendarvis, \$11.50; C. C. Westcott, \$15.
Dept. 603, Tool Manufacturing: A. C. Gohs, \$10; R. E. Reeves, \$10; R. C. Vones, \$20.
ASTRONAUTICS (Model 7)
Employee Suggestion awards totaled \$270 for the weeks ending June 21 and June 28:
Dept. 25, Plant Engineering: C. Larabee, \$15.
Dept. 101, Sheet Metal: J. Comba and S. Elhadar, joint award, \$10 each.
Dept. 704, Material Office: W. D. Logan, \$10.
Dept. 706, Engineering: P. G. Davila, \$10; D. M. Jardee, \$10; E. Umlauf, \$20.
Dept. 722, Production Control: C. Corbitt, \$10.
Dept. 728, Inspection & Quality Control: J. S. Adams and B. L. Purks (Dept. 758), joint award, \$5 each; L. Goding and K. M. Stewart (Dept. 350), joint award, \$25 each.
Dept. 758, Tank & Propulsion: K. R. Carson, \$10; C. D. Flowers, \$5; W. V. Kime, \$20 (two awards); R. E. Minch, \$5; J. W. Norris, \$5; F. A. Rado, \$10.
Dept. 771, Mock-Up Proofing: J. L. Bloomfield and H. W. Wyatt, joint award, \$5 each; D. W. Burright, \$10; B. G. Freeman, \$20; S. F. Kozlowski, \$10.
Dept. 772, Airborne Manufacturing: J. B. Tompkins, \$10.

PALMDALE

Employee Suggestion awards totaled \$50 for the weeks ending June 21 and June 28:
Dept. 321, Field Operations: F. N. Gagnon, \$30, two awards; R. L. Jackson, \$20.

Promotions

SAN DIEGO

Promotions and transfers to or within supervision effective July 9:
Dept. 6, Engineering: To asst. group engineer, J. P. Carter. To research group engineer, P. M. Keeler. K. Undesser.
Dept. 9-8, Controller's Office: To photo asst. supervisor, R. M. Hall.
Dept. 24-2, Tooling: To tool development supervisor, E. G. Gray.
Dept. 28-3, Inspection: To inspection asst. supervisor, J. F. V. Dunn.
Dept. 30, Model 8 Final Assembly: To asst. foreman, L. F. Lau.
Dept. 31, Experimental: To asst. foreman, L. C. Foust, J. K. Magner.
Dept. 201, Sheet Metal: To asst. foreman, E. M. Grace.
Dept. 202, Sub-Assembly: To foreman, H. C. Griffin.
Dept. 300, Field Operations: To asst. foreman, C. L. Johnson.
Dept. 802, Model 8 Electronics: To asst. foreman, C. E. Anderson.
Dept. 355, Fabric & Tooling: To asst. foreman, N. T. Maishoff.
Dept. 375, Electronics: To asst. foreman, R. J. Moore.
Dept. 406, Plaster Pattern Shop: To foreman, H. S. Jensen, C. R. Nichols.
To asst. foreman, J. P. Mattox, A. L. Simpson.
Dept. 522-7, Manufacturing Control: To M/C asst. supervisor, H. C. Hoskins.
Dept. 603-3, Tool Manufacturing: To asst. foreman, R. L. Russell.

ASTRONAUTICS (Model 7)

Promotions and transfers to or within supervision effective July 9:
Dept. 706, Engineering: To group engineer, M. M. Cox. To research group engineer, H. F. Eppenstein. To weights group engineer, C. J. Holden. To asst. design group engineer, R. B. Houghton. To design group engineer, S. Merkwitz. To structures group engineer, R. S. Shorey.
Dept. 722, Production Control: To M/C asst. supervisor, V. Burns.

HOLLOMAN

Dept. 313-4, Model 8 Flight Test: To asst. foreman, F. Brown.

PALMDALE

Promotions and transfers to or within supervision effective July 9:
Dept. 321, Field Operations: To asst. general foreman, R. W. Lucas. To foreman, F. M. Cook, C. E. Howard, W. S. Wilson. To asst. foreman, J. F. Bromby, B. Galatie, K. M. Hemmingson, M. H. Pickel, W. A. Sanders, A. D. Wildey, C. F. Wilkerson.
Dept. 324, Operations Services: To asst. foreman, R. C. Hawkinson.

DEPT. 747

Dept. 747-1: To foreman, T. Funaro.

POMONA

Promotions and transfers to or within supervision effective July 9:
Dept. 3, Industrial Relations & Security: To asst. to the manager of industrial relations & security, G. C. Spencer.
Dept. 6, Engineering: To design group engineer, Martin Agerholm, W. L. Dieter. To group engineer, C. P. Brewer, R. C. Wildman. To staff engineer, W. M. Cobb. To field service group engineer, G. C. Ames, A. T. Calle. To reproduction supervisor, J. L. Baird. To test equipment group engineer, Michael Voytko, Jr.
Dept. 8, Manufacturing Planning: To manufacturing planning asst. supervisor, L. C. Sangermano, R. H. Worby.
Dept. 14, Administrative Services: To systems & procedures asst. supervisor, R. W. Anke.
Dept. 22, Manufacturing Control: To manufacturing control general supervisor, B. B. Winger. To manufacturing control general foreman, C. P. Harris. To manufacturing control foreman, J. S. Jensen.
Dept. 42, Tool Manufacturing: To asst. foreman, E. B. Norling.

CRA ACTIVITIES SLATE

SAN DIEGO

AEROMODELERS—Jim Saftig, commissioner, ext. 282, 395, 583, Plant 2. Club meets first and third Thursdays at 7:30 p.m., Conference Bldg., Balboa Park.

ARCHERY—Harry Bing, commissioner, ext. 513, Plant 1. Club meets third Thursday of each month, 7 p.m., CRA Clubhouse. Workshop in clubhouse open second, third and fourth Thursdays each month, 7 to 9:30 p.m.

ART CLUB—Gil Crosthwaite, commissioner, ext. 1245, Plant 1. Organizing now. Membership chairman, Margie Payne, ext. 429, Plant 1.

ASTRONOMY—Keith Sears, commissioner, ext. 388, Plant 1. Club meets first and third Fridays, 8 p.m., at their new headquarters, CRA Recreation Area, Gillespie Field, El Cajon.

BADMINTON—Fred Minter, commissioner, ext. 1135, Plant 1. League play Wednesdays, 7:30 p.m., Federal Bldg., Balboa Park. Open play for Convair employees and their families each day.

BALLROOM DANCING—Ellen Andressen, commissioner. Call Martha Woodberry, ext. 1245, Plant 1, or Grace McGrath, AT-1-8686 or AT-2-0975, for class schedules. Grace McGrath Dance Studio, 3294 El Cajon Blvd.

BASEBALL—Pete Beyer, commissioner, ext. 1245, Plant 1.

BASKETBALL—Gil Crosthwaite, commissioner, ext. 1245, Plant 1.

BOWLING—Mike Brooks, ext. 720, Plant 2; Jim Hayman, ext. 637, Plant 1, commissioners. Summer leagues now rolling, Tues., Wed., Thurs., Pacific Recreation; Thurs. at Victory Lanes. Winter leagues to be organized soon. All interested in forming 750-Mixed Scratch League contact commissioners.

CAMERA CLUB—C. E. Schultz, commissioner, ext. 322, Plant 2. Darkroom in CRA Clubhouse open each Monday, Tuesday, Wednesday and Thursday, 7 to 9:30 p.m., for club members only. Regular meeting second and fourth Mondays each month, 7:30 p.m., Photo Arts Bldg., Balboa Park.

CHESS CLUB—A. E. Munson, commissioner, ext. 2391, Plant 1. Club meets each Wednesday, 7:30 p.m., CRA Clubhouse. Sets available for lunch period games.

CHORAL CLUB—Martha Woodberry, commissioner, ext. 1245, Plant 1. W. A. Vogel, director, ext. 2451, Plant 1. Choralaires have suspended rehearsals until fall.

COIN CLUB—Gil Crosthwaite, commissioner, ext. 1245, Plant 1. Club meets third Tuesday each month, 7:30 p.m., Hearing Aid Society Bldg., 3843 Herbert Street.

FISHING—R. D. Marks, commissioner, ext. 2000, Plant 1. Club meets first Tuesday of each month, 7:30 p.m., Conference Bldg., Balboa Park.

GARDEN CLUB—E. L. Zimmerman, commissioner, ext. 2053, Plant 1. Meetings discontinued during August and September. Convair Dahlia Show, Floral Assn. Bldg., Balboa Park, Aug. 12.

GOLF—Russ Osgood, commissioner, ext. 1232, Plant 1. Convair Golf Club meets first Thursday each month, 7:30 p.m., Room 13, Conference Bldg., Balboa Park.

GUN CLUB—Jack Swank, ext. 1161, Plant 1; Gene Horstman, ext. 234, Plant 2, commissioners. Club meets second Tuesday of each month, 7 p.m., Natural History Museum, Balboa Park. Club shoot, rifle, trap and skeet, first Sunday of each month at new CRA range overlooking Gillespie Field, El Cajon. Open shooting each Sunday.

HORSESHOES—Kurt Klein, commissioner, ext. 1710, Plant 1.

ICE SKATING—Bud Davies, commissioner, ext. 2484, Plant 1. Skating session for Convair employees and their families each Thursday at Sonald Ice Skating Studio, 3464 Midway Drive. Juniors 6:30 to 8, adults 8 to 10 p.m. For further information, call AC-2-4487.

JEEP CLUB—Gil Crosthwaite, commissioner, ext. 1245, Plant 1. Regular meetings third Wednesday of each month, 7:30 p.m., CRA Clubhouse. For information contact Crosthwaite, or Jack Rogers, ext. 745, Plant 1.

LITTLE LEAGUE—Pete Beyer, commissioner, ext. 1245, Plant 1.

MODEL RAILROAD—Bud Davies, commissioner, ext. 2484, Plant 1. Meetings each Friday at 7:30 p.m., House of Charm, Balboa Park. Scheduled operations first Friday of month.

MOVIES—Friday night movies at CRA Clubhouse discontinued during summer months. Bargain rates each Tuesday, 7 p.m., Academy Theater, 3721 University Ave.

PISTOL CLUB—Ash Bishop, commissioner, ext. 1413, Plant 1 (second shift). Club shoots second and fourth Sunday of each month at 9 a.m., San Diego Police Pistol Range, Federal Blvd. and Home Ave. Night shoots, .22 cal. each Tuesday, 7:30 p.m.

RADIO CLUB—J. B. Baker, commissioner, ext. 791, Plant 1. Next meeting July 26, 8 p.m., Radio Club headquarters, Harbor Drive.

RIDING CLUB—Marc Beresford, commissioner, ext. 257, Plant 2. For information regarding classes, call Palomar Stables, CY-6-9658.

ROCKHOUNDS—Dan Whorton, commissioner, ext. 426 or 777, Plant 1. Meetings discontinued during July and August. Rockhound Shanty closed for alterations from June 27 to July 30.

ROLLER SKATING—Convair skate night, third Monday each month. Free tickets at employee services offices. Saturday matinees each week 2 to 4:30 p.m., Skateland, Front and G. Admission 25c per person for Convair employees and their families.

Personals

SAN DIEGO

I wish to thank my friends of Dept. 4-5 for their kind expressions of sympathy and flowers at the death of my father, June 23.

R. C. Anthony, Dept. 4-5

Mother and I are most grateful for the many, many friends who were so kind and thoughtful in our hour of need. The kind words of sympathy and understanding, and the beautiful floral tributes at the death of our son and brother, Walter Seaderquist, meant so much to us.

Conrad Seaderquist, Dept. 706

I wish to express my heartfelt thanks to each and every one of the hundreds of Convair friends who signed the huge greeting card and to those who arranged the wonderful party celebrating my 88th birthday, July 7. It will be a highlight in my memories always.

C. Z. "Dad" Sheppard, Dept. 25

employees and their families. Admittance by club membership card. Cards available at employee services, both plants.

SKI CLUB—Joe Harris, commissioner, AT-4-0278 evenings. Meetings discontinued until fall.

SKIN DIVING—Gil Crosthwaite, commissioner, ext. 1245, Plant 1. Club meets fourth Tuesday of each month, 7:30 p.m., Lecture Room, Museum of Natural History, Balboa Park. For further information, contact Tom Simpson, HU-8-5923, after 4 p.m.

SOFTBALL—Tony Berardini, ext. 310, Gil Crosthwaite, ext. 1245, Plant 1, commissioners.

SOLO FLYERS—Jim Saftig, commissioner, ext. 282, 395, 583, Plant 2. Meet each Wednesday, 7:30 p.m., at Jim's Aircraft hangar on Lindbergh Field across Harbor Drive from Convair seaplane ramp. Contact Saftig for further information.

SPECIAL EVENTS AND COMMISSIONERS-AT-LARGE—Eddie Robinson, ext. 296; Virginia Forbes, ext. 395; Paul Pearson, ext. 345, all Plant 2; Dick Mitchell, ext. 388, Plant 1; Jerry Schultz, Palmdale.

SPORTS CAR CLUB—Jerry Wright, commissioner, ext. 2206, Plant 1. Byron Ferguson, ext. 1281, Plant 1, president. Club meets first and third Wednesday each month, 7:30 p.m., Natural History Museum, Balboa Park. Rally and beach party, July 29. Cars will assemble at executive parking lot, 9 a.m.

SQUARE DANCING—Marty Stutz,

Holloman F-102 Nine Upsets AFB All-Stars

Convair's F-102 softball team at Holloman AFB pulled the upset of the year July 12 when it downed the Holloman AFB All Stars by a 4-3 count.

The All Stars have won the Alamogordo City League championship for the past seven years and have trounced all civilian teams for the past two years.

Holloman Clubmen Hear Coggan Talk

Holloman AFB members of the Convair SD Management Club turned out in record numbers (70) July 10 for a special meeting at the Rooster Shack at which B. F. Coggan, manager at San Diego, was principal speaker.

Coggan outlined future company plans for the group and illustrated his talk with color slides. Other special guests were D. C. Wilkens Jr., manager of industrial relations at SD, and P. M. Prophet, chief of engineering flight test.

Special prizes at the meeting were awarded to F. F. Brown and Claude Deere. Owen Todd is chairman of the Holloman group.

Convair Keglers Take First in Men's Loop

Convair keglers at Holloman AFB, N.M., wound up their summer bowling season in grand style July 11 by copping first in the men's league and second in the women's.

Members of the winning Convair F-102 men's team were: Jerry Hinshaw, Chris Markham, Johnny Martinez, Barney Prather and George Rhodes.

Antelope Valley's Edition Enlarged

With this issue, the Antelope Valley edition of Convairiety is being enlarged from four to eight pages. News carried will be essentially the same as for the San Diego edition, except, for the sports and recreation section (page 7) which in the valley edition will be exclusively from Palmdale and Edwards communities.

Guard Captures Five Firsts in Gun Meet

Chris Markham, industrial security guard stationed at Holloman AFB, N.M., swept five first places during a regional pistol championship held July 6, 7, and 8 at El Paso.

commissioner (second shift), ext. 2059 or 656, Plant 1. Beginners Tuesdays; advanced, Thursdays, 8 p.m., American Legion Hall, 4061 Fairmount Ave.

STAMP CLUB—Jack Benedict, commissioner. Meetings discontinued until fall.

SWIMMING—Convair swim night at Mission Beach plunge first Saturday in the month, 7 to 9:30 p.m. Free tickets available at employee services, both plants. Gillespie Field pool, 10 a.m. to noon Sunday, July 29.

TENNIS—Pete Beyer, commissioner, ext. 1245, Plant 1. Open play daily at the CRA Clubhouse. Mondays through Fridays, 11 a.m. to 6 p.m.

TENNIS—Chet Dutton, commissioner, ext. 1358, Plant 1. Practice sessions each Saturday, 9 a.m. to 12 noon, Balboa Tennis Club, Park Blvd., near Upas.

TROPICAL FISH—Pete Beyer, commissioner, ext. 1245, Plant 1. Club meets second Tuesday each month, 7:30 p.m., CRA Clubhouse. Workshop sessions each Tuesday and Thursday.

VOLLEYBALL—Pete Beyer, commissioner, ext. 1245, Plant 1.

WATER SKI—Ed Birch, commissioner, ext. 598, Plant 1. Club meets second Tuesday of each month, 7:30 p.m., Fisherman's Wharf Cafe.

WOMEN'S ACTIVITIES—Martha Woodberry, ext. 1245; Grace Fath, ext. 1071, Plant 1, commissioners.

★ ★ ★

POMONA

AQUARIUM CLUB—Bob Anke, acting commissioner, Bldg. 1, ext. 4281.

ARCHERY—E. J. Dahlstrom, commissioner, Bldg. 2, ext. 6288 (second shift), zone 72-2. Free archery instructions to beginners.

BASKETBALL—Bob Anderson, commissioner, Dept. 51, Bldg. 2, ext. 6249, zone 51-1.

BOWLING—Paul Froberg, commissioner, Room 1400, Bldg. 4, ext. 5250, zone 6-54. Joe Valley, co-commissioner, Bldg. 2, ext. 4181, zone 4-9. Summer mixed league at Covina Bowl, Wednesdays, 6:30 p.m.

BRIDGE—Bob Anke, commissioner, Bldg. 1, ext. 4281.

CAMERA—Paul Jackson, commissioner, Bldg. 4, ext. 6125, zone 6-18. Meets second and fourth Thursday of month, CRA Clubhouse, 7:30 p.m.

CHESS—Harvey Goodwin, commissioner, Room A-153, Bldg. 2, ext. 3254, zone 24-1. Meetings are each Tuesday evening at the CRA Clubhouse. Tournament now in progress.

GOLF—Paul Kiszeli, commissioner, Room A-227, Bldg. 2, ext. 3274, zone 22-1. Twilight and Blind Bogey tournaments played at Los Serranos, Tuesday and Thursday.

MOVIE—Ted Lockrem, commissioner, Room 153, Bldg. 2, ext. 3254, zone 24-1. "Flutter Shutter" meet on the first Thursday of each month in the CRA Clubhouse.

RIDING—I. E. "Pop" Sprague, commissioner, Employment, Bldg. 1, ext. 3289, zone 3-4. Meetings on first Wednesday of each month in CRA Clubhouse. Call Sprague or Al H. Rongstead, Bldg. 4, ext. 6156, for information on riding instructions.

ROCKHOUNDS—Pete Watt, commissioner, Room 213, Bldg. 1, ext. 3131, zone 18-1. Meet at 7:30 p.m., second Monday each month at CRA Clubhouse.

ROD AND GUN—Bill Nittler, commissioner, Bldg. 4, ext. 6181, zone 6-12. Fishing contest open until October 31, 1956.

SKATING—Fay Gustin, commissioner, Dept. 25, Bldg. 2, ext. 4162.

SKI CLUB—Cliff Farrington, commissioner, Room A-103, Bldg. 2, Ly-5-5109, ext. 3177.

SOFTBALL—Merle Taylor, commissioner, Room K-210, Bldg. 2, ext. 206, zone 3-8. Call Taylor or Marvin Green, co-commissioner, ext. 6247, for information.

SPECIAL ACTIVITIES—H. Naish, commissioner, Room H-42, ext. 5240, zone 6-43.

SPECIAL PROJECTS—Jerry LaFave, commissioner, ext. 4248, zone 6-43.

SQUARE DANCING—Chet Wheelless, commissioner, Room 440, Bldg. 4, ext. 4145, zone 6-42. Square dance meetings are at 8 p.m., second and fourth Fridays each month, at American Legion Hall, San Dimas.

TENNIS—Bob Hall, commissioner, Room 1450, Bldg. 4, ext. 208, (CRA Office), zone 6-32.

WOMEN'S ACTIVITIES—Jackie Daoust, commissioner, Room K-216, Bldg. 2, ext. 208, zone 3-8.

★ ★ ★

ANTELOPE VALLEY

BOWLING—Chuck Johnson, George Sharp (Palmdale); Cliff Mulligan, Jake Jacobson (Edwards); Lois Fish (Convair wives). Palmdale Mixed League rolls Fridays, 9 p.m. Edwards group on Wednesdays, 6:30 p.m. Convair wives roll Tuesdays, 2 p.m.

CONETTES—Bette Van Proyen, ext. 31, Palmdale. Meets third Thursday of each month at 4431 Sierra Highway, Lancaster. All Convair women employees welcome.

GOLF—Howard Daniels, ext. 81, Palmdale; Ray Minutello (Edwards). Next tournament August 5, noon, Antelope Valley Country Club.

GUN CLUB—Jerry Schultz, ext. 74, Palmdale. Plans being formulated to hold regular shoots. Call Larry Failor, Edwards for information.

ICE SKATING—Frank Pellizzer, ext. 21, Edwards, or Bernard Roy, ext. 19, Palmdale. Regular skate night second and fourth Thursday of each month, 5:30 to 7:30 p.m., Melody Ice Garden, Lancaster. First skate night July 26.

RIDING CLUB—Membership cards available at employee services. For information call Jerry Schultz, ext. 74, Palmdale.

SOFTBALL—Harry Rumbaugh, Jim Carton (Palmdale); Dave Limbacher, Ralph Hawkinson (Edwards). Two teams representing CRA entered in County of Los Angeles Men's Softball League, Jane Reynolds Park. One Palmdale team entered in Lancaster A.A.U. league, Wednesdays at Lancaster high school ball park.

SOLO FLYERS—Earl Fisher, ext. 20, Palmdale; Bob Stahl, ext. 34, Edwards. Ground school 8 to 10 p.m., first and third Tuesdays in Room 221, A. V. Jr. College, Lancaster. Flights on weekends and after work at club's field at



ALIEN COMPETITION—Alien engineers at Convair SD, who are stationed outside plant in quarters at India and Ivy, got together this month for soccer, "Alien United" team vs. "Ulster United." Latter won 3-0. In left hand photo are winners. Front row: Edward McTeague, Harold Stewart, Joe Bradshaw, Bob Jeffries. Back: Dereck Beck, William Moreland, William Wallace, John Nesbitt, Jim Ireland, Albert Bennett, all of Ireland. Photo at right is of "Alien United" team. Front row: Roy



Jackson, England; Stan Griffin, England; Cy Martin, England; Jack Howitt, Canada; Fred Balata, Brazil. Back row: Chris Spikin, England; George Mukhar, Jordan; Eric Hogfors, Sweden; Klaas Bonnema, Holland; Roy Benstead, England; John Berntell, Sweden; Les Hawson of England, referee. Action shot in center shows Howitt, Hogfors and Ireland. July 19 game ended in 4-4 tie. Tilts with other SD soccer teams are planned.

Tension Tightens at SD In Final Softball Round

Convair softballers at San Diego went at it "tooth and nail" last week as they opened the second and final round in plant league action.

In the American loop the Dept. 406 Falcons, who pulled a late rally to win the first half by one-half game over Dept. 31, started the second half fast with a 29-9 victory over Ramp. Dept. 31 pointed toward a showdown by blasting Dept. 55 by 18-1, while Dept. 706 won its first game of the season by 9-7 over Dept. 22.

The previously unbeaten 406 Skylarks fell in the National League before a fired-up Dept. 603 nine in an 11-10 game, with Wing and Tail stopping Gen-

eral Engineering by 8-7. The Skylarks won the first half.

The bemuddled Coast League remained the same with Dept. 758 winning a 16-5 victory over Dept. 14 and Dept. 758 downing Dept. 15 by 14-4. Dept. 401-403 was to meet Industrial Engineering in a crucial game last Friday.

All games in the Texas League were played Friday night but a strong Dept. 205 team with an unbeaten record seemed destined to sweep both halves of league action.

*** SCHEDULE ***

AMERICAN LEAGUE

July 30, 6:30, Convair field, 22 vs. 31.
July 30, 8:15, Convair field, 406 Falcons vs. 55.
July 30, 8:15, Cabrillo field, Ramp vs. Test Lab.
Aug. 6, 6:30, Convair field, Ramp vs. 31.
Aug. 6, 8:15, Convair field, 55 vs. 22.
Aug. 6, 8:15, Cabrillo field, Test Lab vs. 406 Falcons.

COAST LEAGUE

July 25, 6:30, Convair field, 401-403 vs. 706.
July 25, 8:15, Convair field, 710 vs. 15-1.
July 27, 8:15, Cabrillo field, Ind. Eng. vs. 758.
Aug. 1, 6:30, Convair field, Ind. Eng. vs. 15-1.
Aug. 1, 8:15, Convair field, 710 vs. 401-403.
Aug. 3, 8:15, Cabrillo field, 758 vs. 706.
Aug. 3, 6:30, Convair field, 758 vs. 401-403.
Aug. 8, 8:15, Convair field, 15-1 vs. 706.

NATIONAL LEAGUE

July 30, 6:30, Cabrillo field, 406 Skylarks vs. Wing & Tail.
July 31, 8:00, Presidio field, 603 vs. Gen. Eng.

TEXAS LEAGUE

July 27, 6:30, Convair field, Ser. Pub. vs. Tooling.
July 27, 8:15, Convair field, Mock-Up vs. 205.
July 27, 8:15, Cabrillo field, 522—bye.
Aug. 3, 6:30, Convair field, 522—bye.
Aug. 3, 8:15, Convair field, Mock-Up vs. Tooling.
Aug. 3, 6:30, Cabrillo field, 522 vs. Ser. Pub.

AL JOHNSON BAGS TWO BEARS ON TRIP

A bear skin rug measuring better than 7 feet long will adorn the den of Convair San Diego's Supt. A. R. Johnson as a trophy of a hunting trip to Canada and Alaska.

Johnson during May was aboard a 50-foot vessel designed for cruising and hunting in the inland water routes to Alaska. He and his party completed a trip of about 1,800 miles and bagged four black bears and one brown bear.

Johnson's kill was made from about 600 yards with a 300 magnum rifle. He also bagged a smaller brown bear. In addition, they caught one 80-pound halibut and a 35-pound king salmon on the trek.

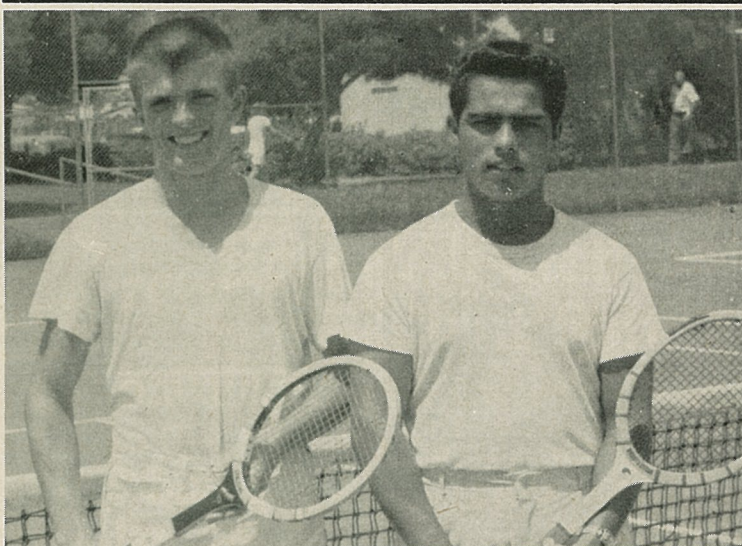
Johnson showed movies of his trip at the June meeting of the Convair SD Gun Club.

Sports Drivers Plan Rally, Beach Party

Convair SD Sports Car Club members will stage a rally and beach party Sunday (July 29).

Cars will assemble at the Convair executive parking lot with the first car due to leave at 9 a.m. The short rally will end about 11:30 a.m. at Del Mar beach where beach party arrangements have been made.

CRA Sports & Recreation Convairiety



FINALISTS—New faces marked Convair's tennis scene recently. At left is Gary Russell of Dept. 6, new SD plant champion, who defeated Jack Movido, right, in finals. Latter previously had eliminated SD's longtime champ, Dick Collier.

Convair Archers do Well in Shoot, Win Firsts in Four Park Events

Convair SD archers copped four of eight trophies awarded during the annual Trophy Shoot staged at Balboa Park early this month.

The event drew outstanding archers from throughout Southern California and was sponsored by the San Diego Field Archers.

Formation of Winter Bowling Leagues Near

Winter leagues for CRA bowlers at SD will be formed in the near future, says Jim Hayman, commissioner.

Bowling fans interested in organizing a 750-Mixed Scratch League for the winter season are urged to contact Hayman, ext. 637, Plant 1. CRA bowlers also are asked to consider competing over the new alleys now under construction in Mission Valley.

Summer leagues are now rolling Tuesdays, Wednesdays, and Thursdays at Pacific Recreation, and Thursdays at Victory Lanes in Pacific Beach.

Two Teams Dominate Play in Little Loops

CRA baseball leagues for youngsters at Convair San Diego moved toward completion this week on two fronts.

The "Little Leaguers" (11 and 12 years) finished their first half of play the second week in July and launched the final round last week. The Red Sox were still on top at the end of the first half with nine straight wins. The Yanks have won six and lost three, the Dodgers won two and lost seven and the Cards have one victory in nine starts.

Another Red Sox team continues to dominate the other league, whose players range in age from 8 to 10.

First place awards went to Wally Butts (Dept. 6) in the Class "A" bare bow event and to Al Phipps (Dept. 401) in the Class "B" category. Free style honors in Class "A" was won by Bob Lorch (Dept. 403) and Class "B" was won by Al Stone (Dept. 24).

Trophies were presented at an awards banquet held July 7 at Michael's Restaurant in Lemon Grove.

Thirty-five Shoot in CRA Archery Event

Thirty-five Convair SD archers were on hand for the July shoot staged at Gold Gulch, Balboa Park, July 7.

In the free style field shoot for men, Bob Lorch won first, Al Stone second and Al Williams third. Harry Ross took the bare bow event with S. Ware and Al Phipps finishing in that order. For the ladies, Lucy Munson was first, Ora Lee Kline second and Carroll Kline third.

In the afternoon broadhead event Roy Dill was the bare bow winner with John Platt copping the free style and Lucy Munson winning the ladies bracket.

Archery shoots are held the second Sunday of each month at Gold Gulch. The August event will be a combination field and "Little Beaver" shoot.

Jeep Club Counts Sixteen Members

Sixteen owners turned out July 17 for the organizational meeting of the new Convair SD Jeep Club and elected Jack Rogers of Dept. 12 to serve as chairman of the group.

Regular scheduled meetings are now set for the third Wednesday of each month at the CRA Clubhouse beginning at 7:30 p.m.

SD Trio Vies in Soaring Meet

A three-member Convair crew will depart San Diego Friday (July 27) bound for Grand Prairie, Texas, and competition in the 23rd National Soaring Contest which runs July 31 through Aug. 9.

Duke Mancuso (Dept. 6) will pilot his modified LK-10A glider against outstanding glider enthusiasts from throughout the U.S. His ground crew will be Ernie Shattuck and Verna Smith, both of Dept. 6.

Mancuso is among the top soaring pilots on the West Coast and is regarded as a strong contender for the national championship which is expected to draw some 100 gliders this year. He has entered the national event only once, winning the team championship with Sterling Starr, of Dept. 6 at SD.

W. S. Ivans, chief electronics engineer at SD, has placed third in the national on two occasions.

Events include a variety of categories including distance, speed, flying set courses and other events with points scored for each.

Girls Will Vie For Net Titles

Two women's tennis championships go on the line this week at Convair San Diego when the girls gather for plant championship singles and doubles events at Morley Field Saturday (July 28) and Sunday.

Defending champion in the singles bracket is young Kathy Chabot. Back for a crack at the title is the 1955 runner-up, Barbara Hansen, while newcomer Jo Griffin is expected to press the two CRA veterans.

Entries close today (July 25). Commissioner Chet Dutton will accept entries at ext. 1358, Plant 1, or at home until 9 p.m. He may be reached after 5 p.m. at CY-8-2817.

There are no entry fees and CRA will furnish all balls.

Radio Hams to Hold Beach Party Sunday

The Convair Radio Amateur Club at San Diego will hold an all-day beach party next Sunday (July 29) at the foot of Torrey Pines Grade.

"We will have a portable station set up, so if you have any trouble spotting the place, watch for the antenna," Jesse Baker, CRA commissioner said.

Members and their families will pack their own basket lunches, or they may cook on the beach if they prefer, Baker added. Lifeguards will be on duty all day.

SD's Hoedowners Hold Third Annual Picnic

Convair SD Hoedowners held their third annual picnic July 15 at the Shady Rock Ranch, Alpine, with some 650 in attendance. Activities during the day included games, swimming and contests.

PAR ELUSIVE FOR LINKSMEN AT SD

Par chasers at Convair SD found Rancho Santa Fe tough July 13, 14, 15 when they staged a medal play tournament won by Doc Larman with a gross 77.

Low net in the top handicap went to Bill Herndon with a 67.

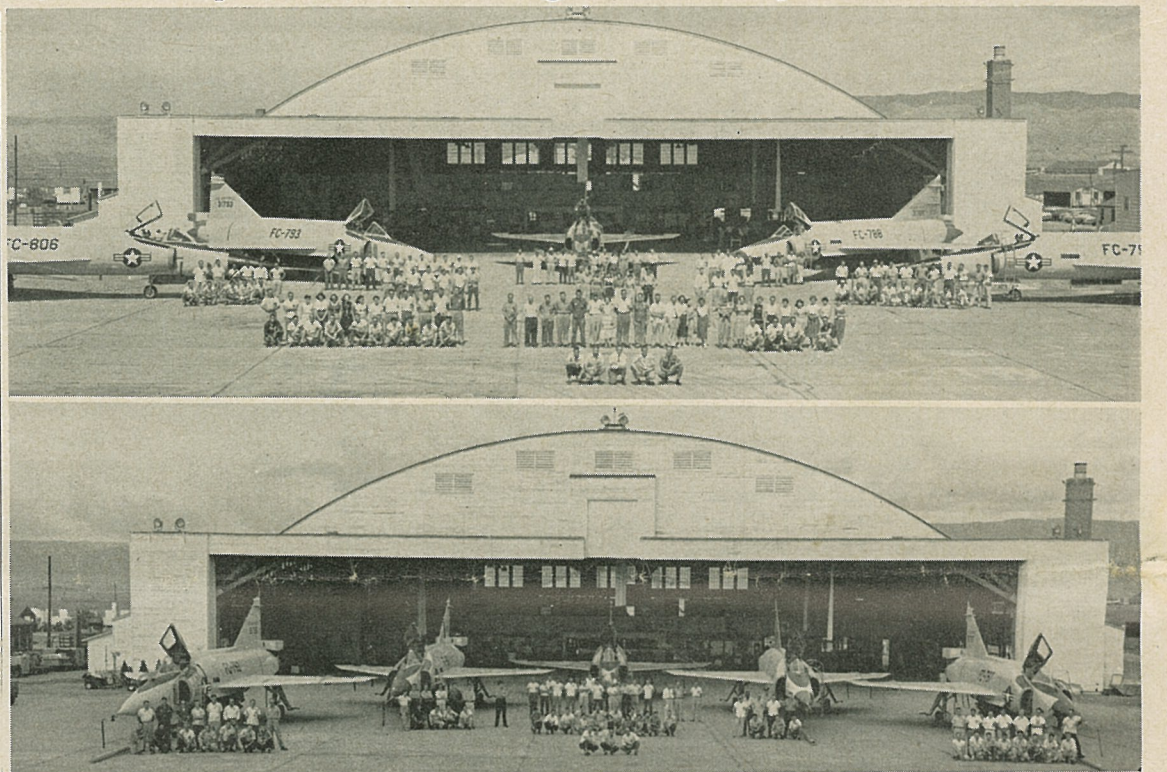
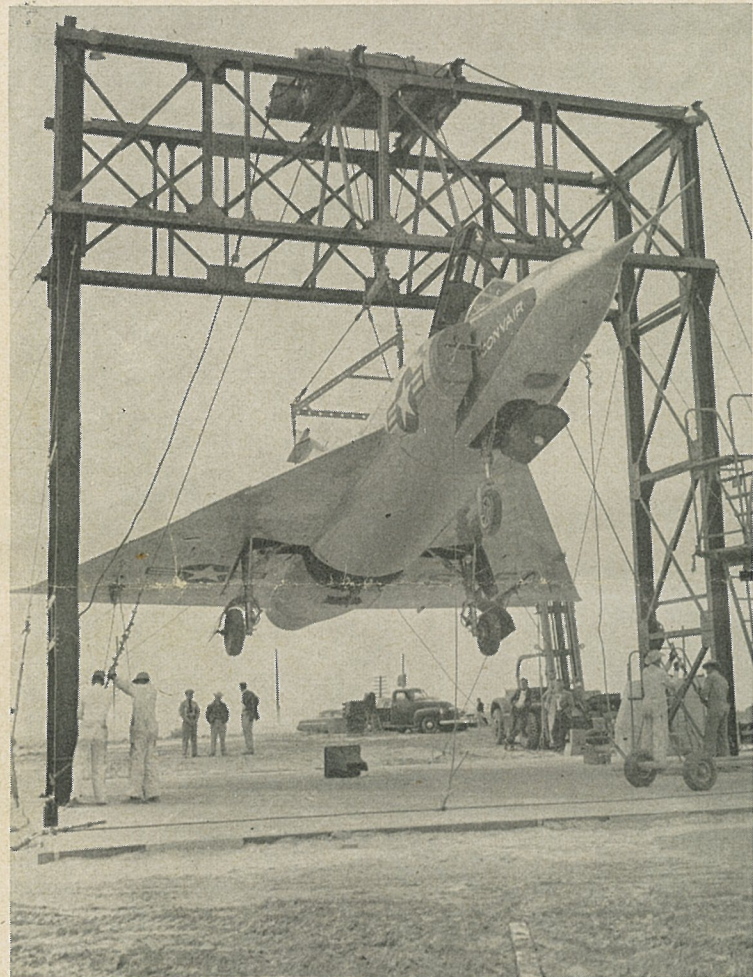
Other low gross winners were Dick Tobias (79), N. Tosaya (91) and D. Ljungquist (95). Low net awards in order were won by Herb Walker and Bill Beals (tie-68), Frank Batatits and George Thiersch (tie-73) and G. Pollpeter (69).

Nell Meller was low net winner in the women's division with a 76.

RUSS DAVIS NAMED GOLF CLUB PREXY

Russ Davis was installed as president of the Convair SD Golf Club at that group's July meeting. Other officers are Bruce Lubo, vice president, Lyn Kline, secretary, and Gerry Cox, treasurer.

F-102s Use Aerial 'Bowling Alley' For Firing Deadly Armament



HOLLOMAN COLONY—Lined up with their airplanes are first shift (top photo) and second shift (below) of Convair base at Holloman Air Development Center. Crews, including engineers and technicians, are assigned to specific airplanes and work as a separate team.

Ten Interceptors Now Stationed at Holloman in F-102 Armament Tests

Approximately ten Convair F-102 interceptors currently are based at Holloman Air Development Center in New Mexico and more will be assigned there in the future for continued armament testing, Project Manager G. W. O'Hare reported last week.

A Convair working force assigned there from San Diego now numbers about 265 and O'Hare indicated this total, too, is due to climb.

While Convair alone has conducted more than 450 flights in less than two years at Holloman, Hughes Aircraft Co. also conducts a flight program with F-102s. Hughes is the firm that developed the plane's fire control system as well as the "Falcon" air-to-air missile with which the F-102 is armed.

"Close cooperation among Convair, the Air Force and Hughes has marked our stay at Holloman," O'Hare reported.

Convair activities at Holloman offer a considerable opportunity for diversified experience, particularly for engineering personnel, Manager G. W. O'Hare pointed out.

"Our engineers here are 'on their own' to a big extent and, as would be expected in a comparatively small group, assignments cover a broader expanse than in larger centers and give rein to individual initiative."

man," O'Hare reported. "We have found it extremely helpful to draw on combined experience."

Indicative of the pleasant relationship has been the number of letters of commendation from the Air Force mentioning the accomplishments of the Holloman "colony."

Incidentally, the F-102A has scored some "firsts" while at Holloman. One was that it became the first Air Force plane to fire missiles or rockets at supersonic speeds.

Firing runs are over a vast open range 128 miles long and 38 miles wide, controlled jointly by an Air Force-Army-Navy committee. Boxed in by mountains on three sides, it becomes a giant "bowling alley" down which the F-102 (and other planes) fire missiles and rockets. Control stations on the ground monitor the action electronically while batteries of motion picture and even television cameras keep the planes under observation. Aircraft approaching the range are kept under radar surveillance and followed on the radar screen until they have completed their missions.

The F-102As even carry their own recording devices, such as high speed motion picture cameras mounted on wings, tail and fuselage.

Normal firing missions for the interceptors usually involve two planes, one to fire and the other to fly chase as a second pair of "eyes" for the first pilot. Convair ground crews often have "grandstand" seats, usually near a jeep-mounted mobile radio station that monitors pilot and control station conversations.

It is an exciting moment as the "count down" comes in over the radio to observers. "Five . . . four . . . three . . . two . . . one . . . FIRE!" At that instant there is a burst of flame from the plane high in the sky and the missile streaks ahead. Or, if rockets are called for, they dart ahead like so many deadly fingers.

Soon after the firing the two planes return to earth where mechanics and technicians form a welcoming committee. Planes are serviced while the movie film and recording devices are developed and analyzed.

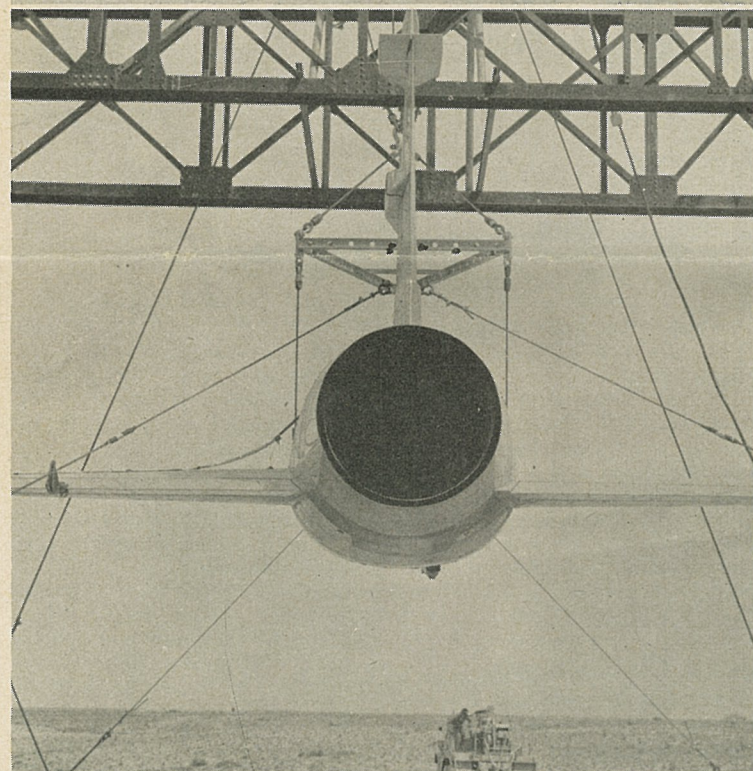
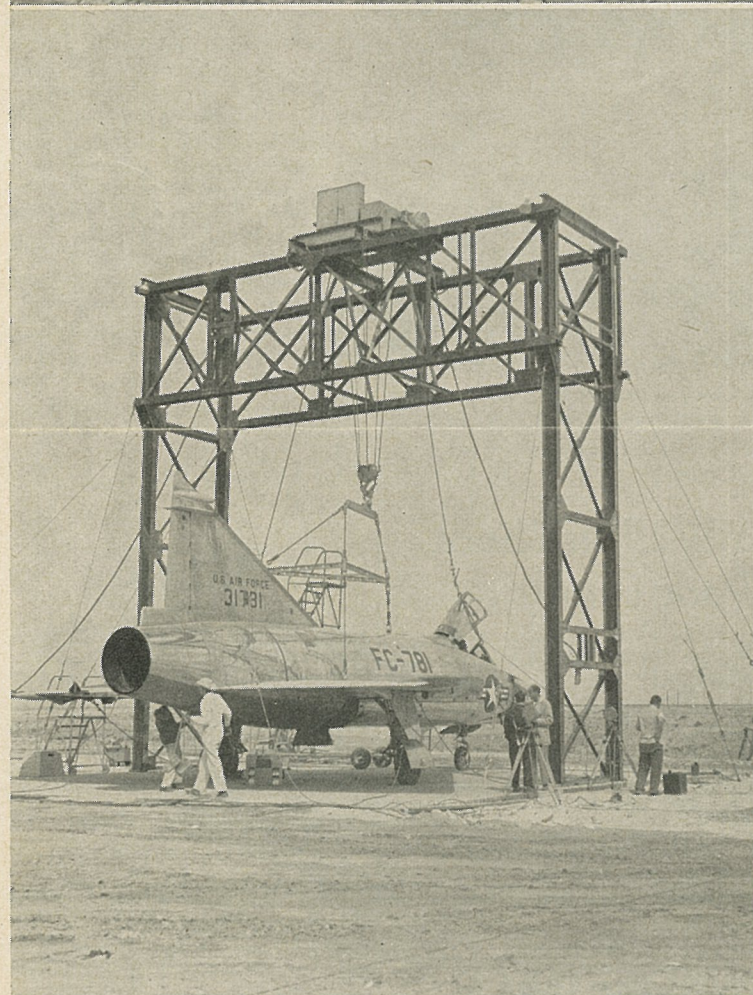
Holloman Air Development Center is one of ten such centers

controlled by the Air Force's Air Research and Development Command.

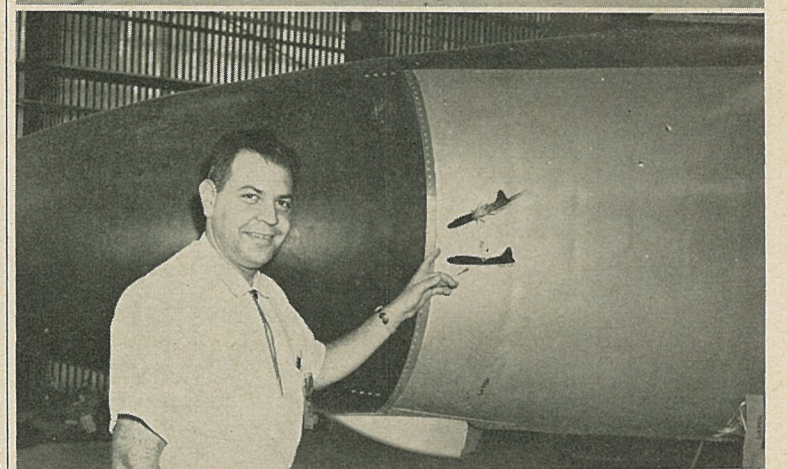
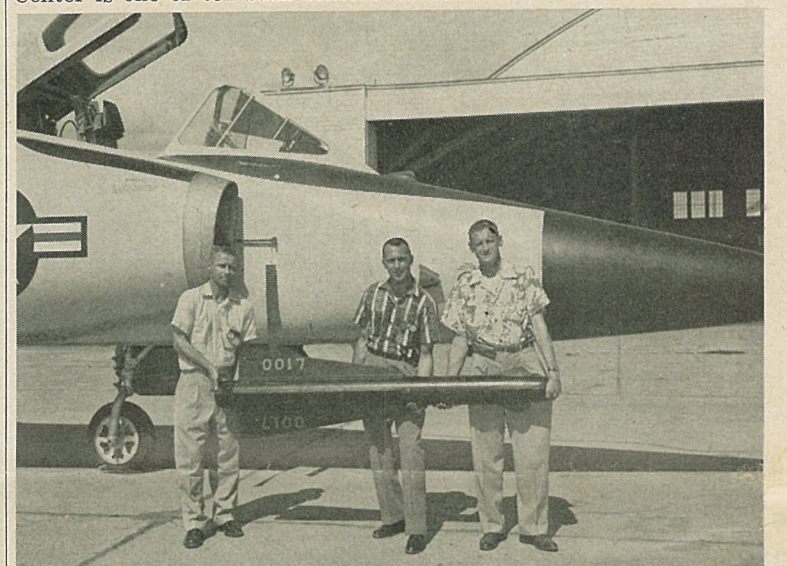
The Air Force Flight Test Center at Edwards AFB, where the first F-102 was flown, and where engineering flight tests are currently conducted, is also an ARDC base.

The Holloman base originally was built in 1942. The first atomic bomb was detonated in the northwestern corner of the reservation on July 16, 1945. Closed at the conclusion of World War II, it was reopened in 1946 as a guided missile test base and in 1948 was named for the late Col. G. V. Holloman, guided missile research pioneer.

Majority of the Convair folk assigned to Holloman live in the city of Alamogordo, about ten miles from the base, population over 20,000. A few live at Cloudcroft, a mountain resort about 25 miles away on the 9,000-foot level, and others at such nearby communities as La Luz and Tularosa.



GROUND FIRING—Not all missile firing with F-102 is done in the air over Holloman Air Development Center. Shown above is test rig in which F-102 missile firing system was tried out on the ground. Normally, however, F-102 firings are done high above 128-mile-long range where missile and rocket systems are tested. Sometimes drone planes are targets.



SIDELIGHTS—Top photo shows Convair pilots at Holloman holding Falcon missile, with which F-102 is armed. Left to right: R. B. See, F. E. Parker and A. B. Treffer, chief pilot. Lower picture shows Fred Goodrich, flight test engineer, pointing to stencils which designate two "kills" airplane made on target planes.